

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
 Data File : BF143482.D
 Acq On : 20 Aug 2025 13:22
 Operator : RC/JU
 Sample : SSTDICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Quant Time: Aug 20 16:23:34 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	136821	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	508977	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	274766	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	422398	20.000	ng	0.00
76) Chrysene-d12	14.098	240	244315	20.000	ng	0.00
86) Perylene-d12	15.598	264	288719	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	743545	94.894	ng	0.00
7) Phenol-d6	6.569	99	917735	94.880	ng	0.00
23) Nitrobenzene-d5	7.492	82	851921	97.674	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	248877	97.306	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1518897	91.359	ng	0.00
79) Terphenyl-d14	13.039	244	1336561	95.465	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	177472	48.893	ng	99
3) Pyridine	3.516	79	475201	49.153	ng	99
4) n-Nitrosodimethylamine	3.463	42	216544	49.825	ng	98
6) Aniline	6.592	93	615592	47.614	ng	93
8) 2-Chlorophenol	6.722	128	420515	48.589	ng	98
9) Benzaldehyde	6.481	77	387617	49.497	ng	99
10) Phenol	6.581	94	531465	47.696	ng	98
11) bis(2-Chloroethyl)ether	6.663	93	400326	48.077	ng	98
12) 1,3-Dichlorobenzene	6.869	146	460100	47.316	ng	99
13) 1,4-Dichlorobenzene	6.945	146	463354	47.503	ng	99
14) 1,2-Dichlorobenzene	7.098	146	440736	47.724	ng	100
15) Benzyl Alcohol	7.069	79	355789	49.130	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	617519	46.354	ng	95
17) 2-Methylphenol	7.187	107	333608	48.029	ng	98
18) Hexachloroethane	7.439	117	157972	47.633	ng	97
19) n-Nitroso-di-n-propyla...	7.339	70	273528	46.266	ng	98
20) 3+4-Methylphenols	7.339	107	391106	47.167	ng	96
22) Acetophenone	7.339	105	511600	46.526	ng	# 99
24) Nitrobenzene	7.510	77	443345	49.387	ng	100
25) Isophorone	7.751	82	773853	48.401	ng	99
26) 2-Nitrophenol	7.828	139	222383	50.572	ng	100
27) 2,4-Dimethylphenol	7.863	122	333188	48.606	ng	98
28) bis(2-Chloroethoxy)met...	7.957	93	472331	48.070	ng	99
29) 2,4-Dichlorophenol	8.075	162	358054	48.908	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	358839	47.673	ng	99
31) Naphthalene	8.234	128	1154068	47.228	ng	100
32) Benzoic acid	7.992	122	194231	49.619	ng	97
33) 4-Chloroaniline	8.281	127	421648	48.617	ng	99
34) Hexachlorobutadiene	8.351	225	236186	48.095	ng	100
35) Caprolactam	8.657	113	90192	51.340	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	355809	48.497	ng	99
37) 2-Methylnaphthalene	8.922	142	763368	46.774	ng	100
38) 1-Methylnaphthalene	9.022	142	734490	47.049	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	373639	47.541	ng	100
41) Hexachlorocyclopentadiene	9.081	237	141023	48.905	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	241322	49.900	ng	99

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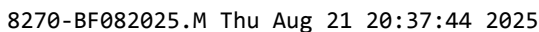
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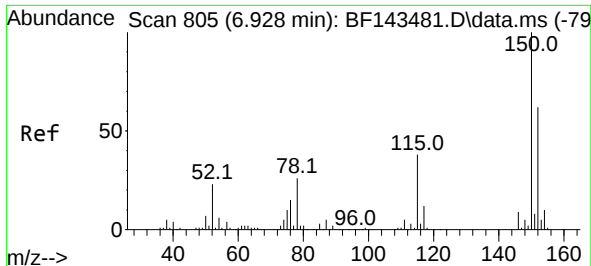
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	259061	49.041	ng	98
46) 1,1'-Biphenyl	9.386	154	917350	47.038	ng	100
47) 2-Chloronaphthalene	9.416	162	725620	47.420	ng	99
48) 2-Nitroaniline	9.510	65	226106	50.489	ng	94
49) Acenaphthylene	9.828	152	1041531	47.536	ng	100
50) Dimethylphthalate	9.681	163	795814	48.090	ng	100
51) 2,6-Dinitrotoluene	9.745	165	178703	52.104	ng	100
52) Acenaphthene	10.004	154	712642	47.905	ng	100
53) 3-Nitroaniline	9.916	138	187598	50.620	ng	99
54) 2,4-Dinitrophenol	10.028	184	90529	51.384	ng	100
55) Dibenzofuran	10.175	168	1003468	47.313	ng	100
56) 4-Nitrophenol	10.086	139	121261	54.991	ng	98
57) 2,4-Dinitrotoluene	10.151	165	236039	51.542	ng	99
58) Fluorene	10.516	166	763347	46.763	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	202049	51.483	ng	99
60) Diethylphthalate	10.380	149	723386	48.756	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	383570	46.985	ng	100
62) 4-Nitroaniline	10.533	138	175033	51.418	ng	99
63) Azobenzene	10.669	77	742238	48.247	ng	98
65) 4,6-Dinitro-2-methylph...	10.563	198	126533	53.128	ng	98
66) n-Nitrosodiphenylamine	10.622	169	649619	47.789	ng	99
67) 4-Bromophenyl-phenylether	10.998	248	242477	48.112	ng	99
68) Hexachlorobenzene	11.069	284	261883	48.206	ng	98
69) Atrazine	11.145	200	180342	51.394	ng	99
70) Pentachlorophenol	11.263	266	133776	53.767	ng	100
71) Phenanthrene	11.480	178	1071808	47.383	ng	100
72) Anthracene	11.533	178	1079686	47.117	ng	100
73) Carbazole	11.686	167	896352	47.738	ng	99
74) Di-n-butylphthalate	12.010	149	879812	50.228	ng	99
75) Fluoranthene	12.669	202	964831	47.536	ng	99
77) Benzidine	12.786	184	238772	40.122	ng	100
78) Pyrene	12.898	202	970991	48.316	ng	100
80) Butylbenzylphthalate	13.510	149	281664	51.304	ng	99
81) Benzo(a)anthracene	14.086	228	773434	49.172	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	216024	47.957	ng	98
83) Chrysene	14.127	228	665070	47.050	ng	99
84) Bis(2-ethylhexyl)phtha...	14.068	149	421199	50.372	ng	100
85) Di-n-octyl phthalate	14.680	149	764123	49.329	ng	100
87) Indeno(1,2,3-cd)pyrene	17.133	276	1030025	49.646	ng	100
88) Benzo(b)fluoranthene	15.157	252	763584	47.579	ng	100
89) Benzo(k)fluoranthene	15.186	252	746332	48.570	ng	100
90) Benzo(a)pyrene	15.533	252	728853	48.927	ng	100
91) Dibenzo(a,h)anthracene	17.145	278	824368	49.612	ng	100
92) Benzo(g,h,i)perylene	17.592	276	826803	50.042	ng	99

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

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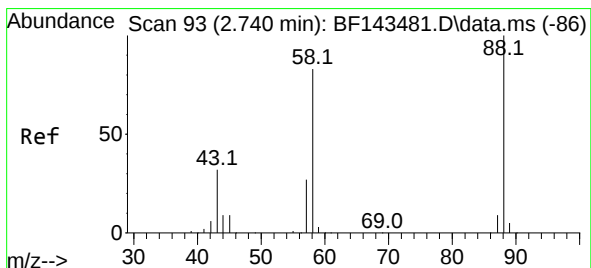
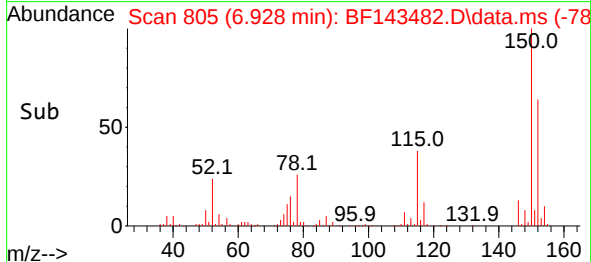
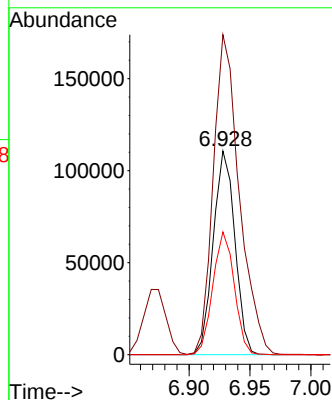
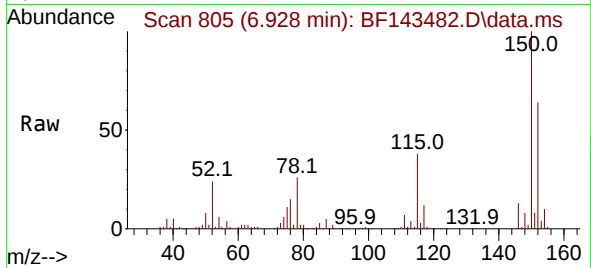




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143482.D
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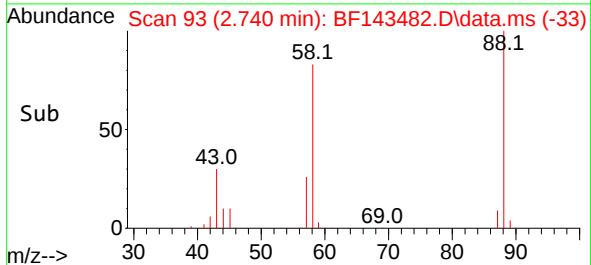
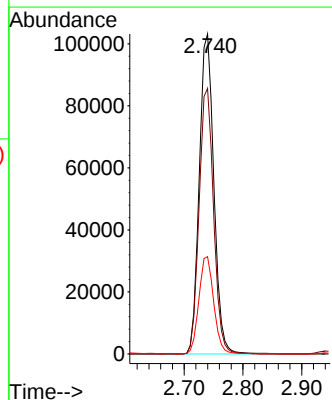
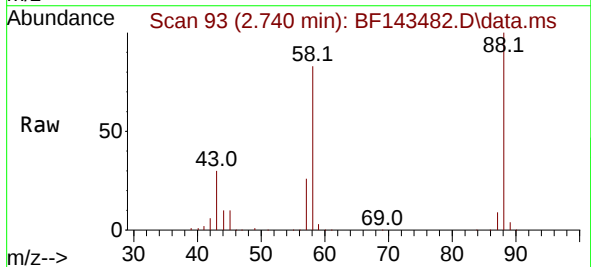
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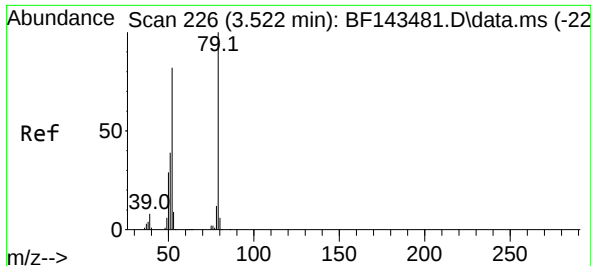
Tgt Ion:152 Resp: 136821
 Ion Ratio Lower Upper
 152 100
 150 157.1 128.9 193.3
 115 60.2 49.2 73.8



#2
 1,4-Dioxane
 Concen: 48.893 ng
 RT: 2.740 min Scan# 93
 Delta R.T. 0.006 min
 Lab File: BF143482.D
 Acq: 20 Aug 2025 13:22

Tgt Ion: 88 Resp: 177472
 Ion Ratio Lower Upper
 88 100
 58 82.6 66.7 100.1
 43 31.1 25.8 38.8





#3

Pyridine

Concen: 49.153 ng

RT: 3.516 min Scan# 216

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

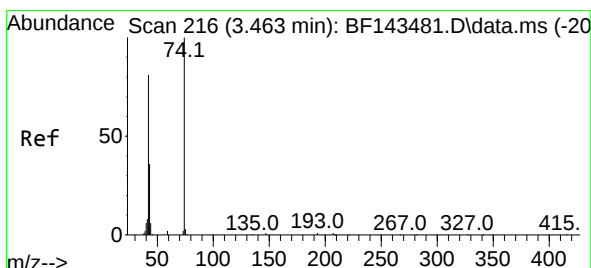
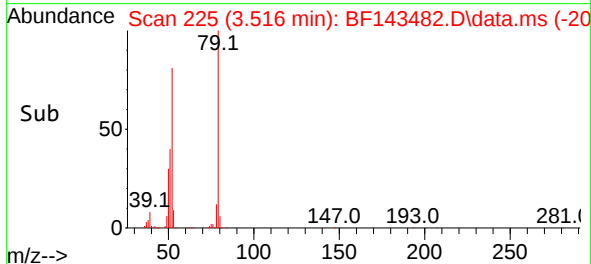
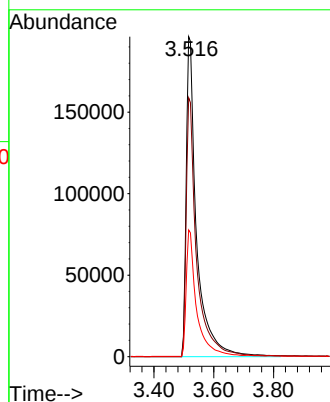
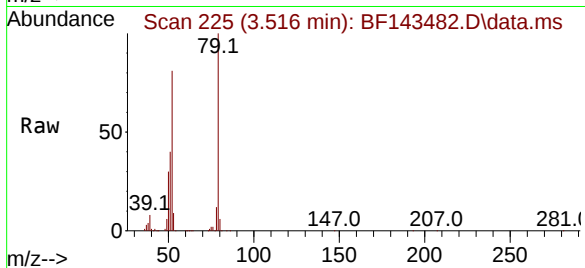
Tgt Ion: 79 Resp: 475201

Ion Ratio Lower Upper

79 100

52 80.9 65.6 98.4

51 39.6 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 49.825 ng

RT: 3.463 min Scan# 216

Delta R.T. -0.012 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

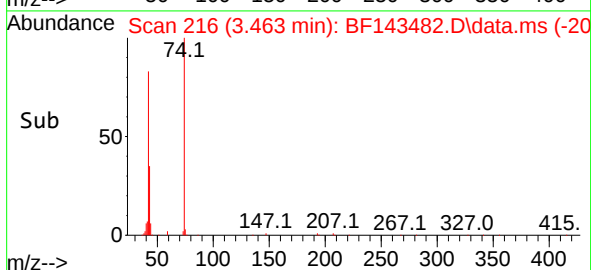
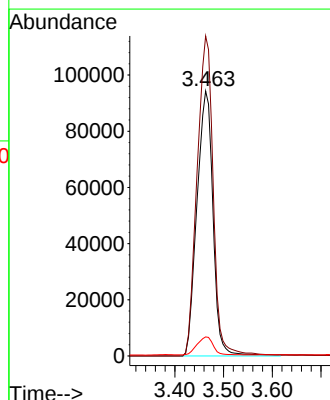
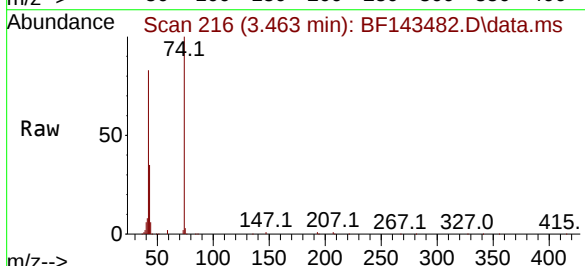
Tgt Ion: 42 Resp: 216544

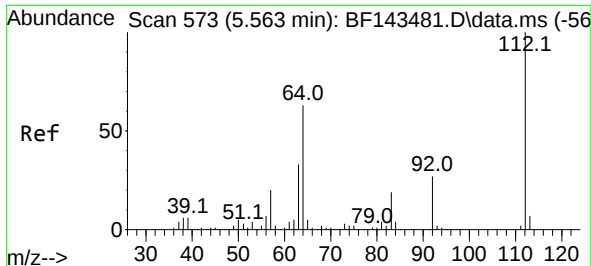
Ion Ratio Lower Upper

42 100

74 120.7 98.6 148.0

44 7.2 5.8 8.8

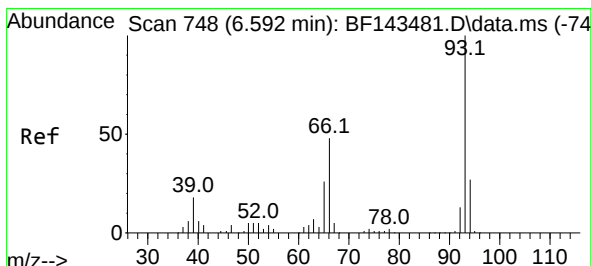
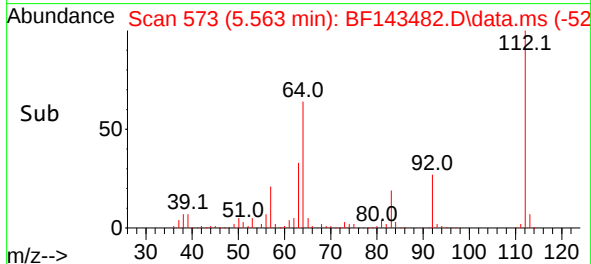
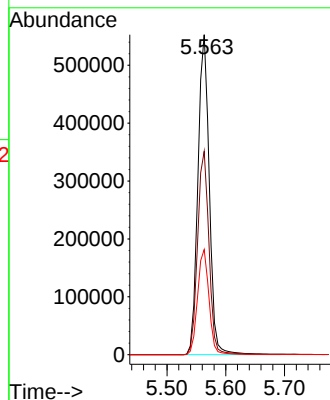
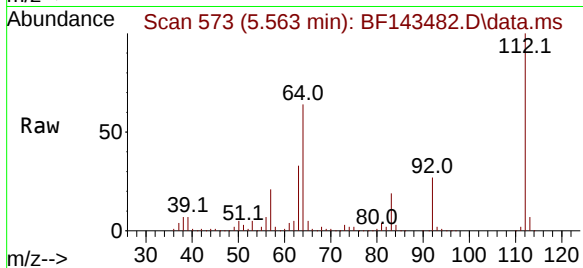




#5
2-Fluorophenol
Concen: 94.894 ng
RT: 5.563 min Scan# 51
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

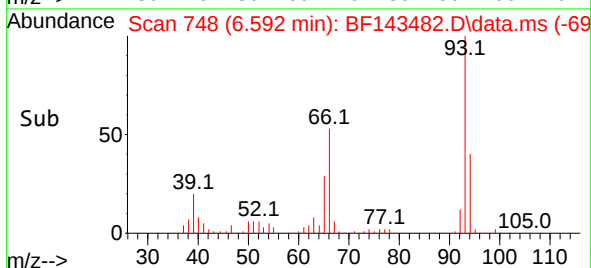
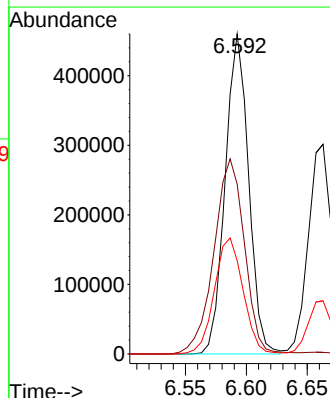
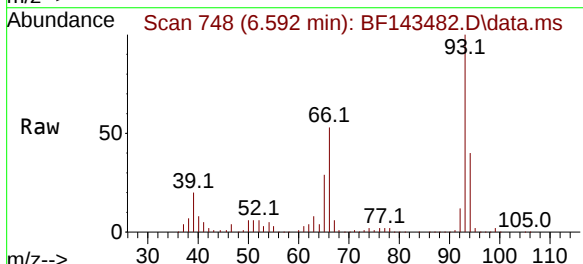
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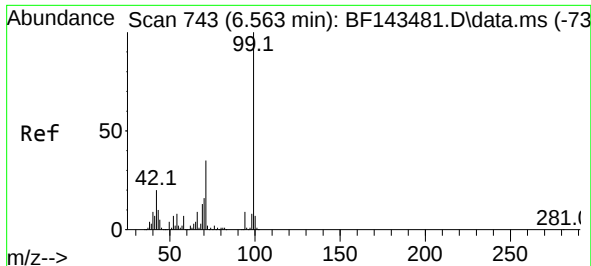
Tgt Ion:112 Resp: 743545
Ion Ratio Lower Upper
112 100
64 63.5 50.4 75.6
63 32.9 26.4 39.6



#6
Aniline
Concen: 47.614 ng
RT: 6.592 min Scan# 748
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 93 Resp: 615592
Ion Ratio Lower Upper
93 100
66 53.1 38.9 58.3
65 29.2 20.6 30.8

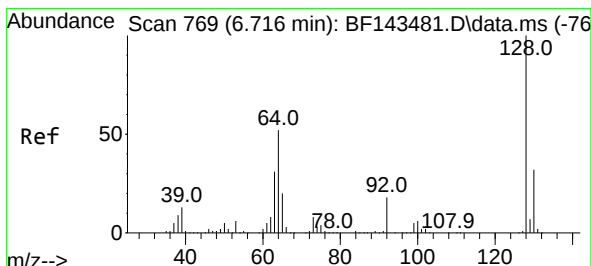
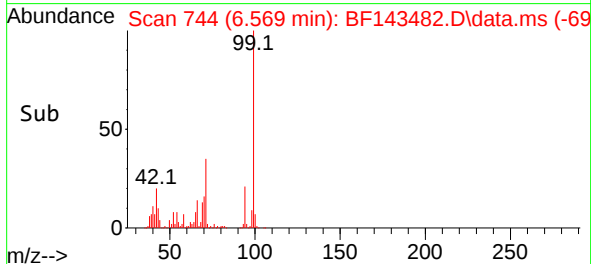
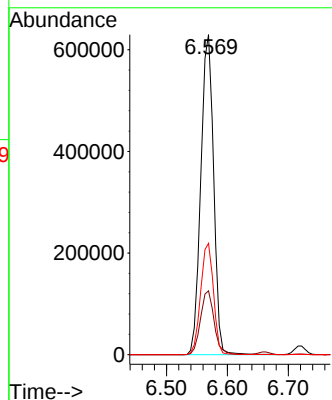
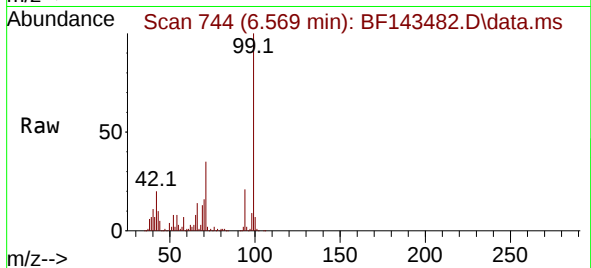




#7
Phenol-d6
Concen: 94.880 ng
RT: 6.569 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

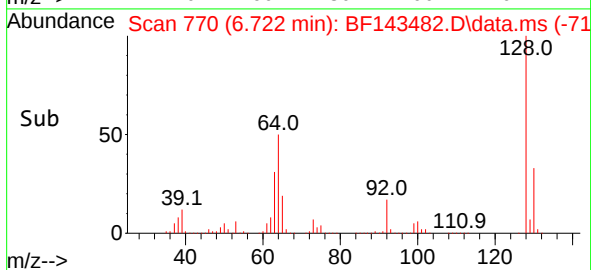
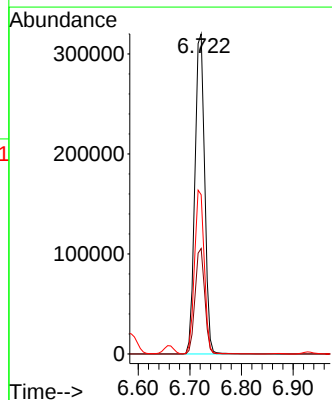
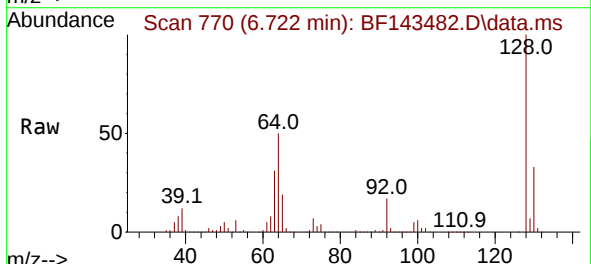
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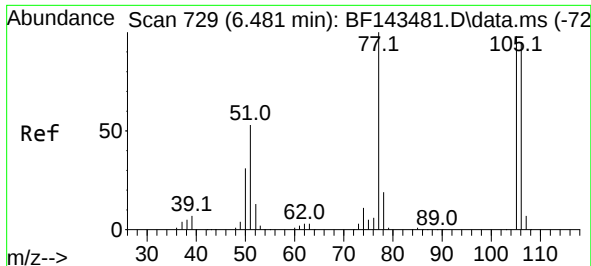
Tgt Ion: 99 Resp: 917735
Ion Ratio Lower Upper
99 100
42 19.9 16.3 24.5
71 34.8 28.2 42.2



#8
2-Chlorophenol
Concen: 48.589 ng
RT: 6.722 min Scan# 770
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 128 Resp: 420515
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 49.8 31.6 71.6

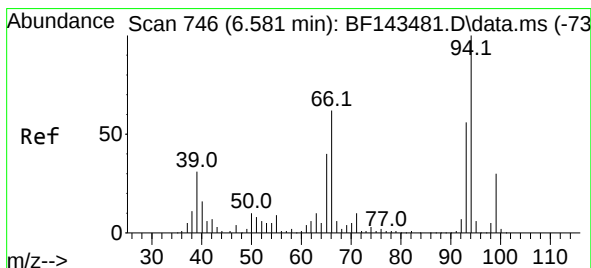
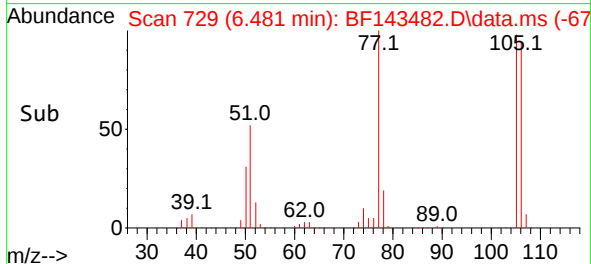
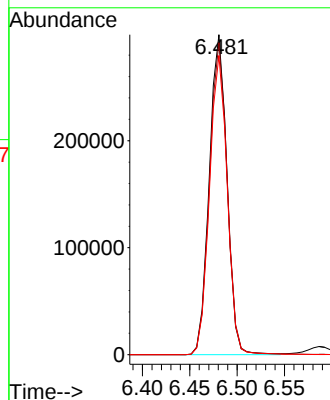
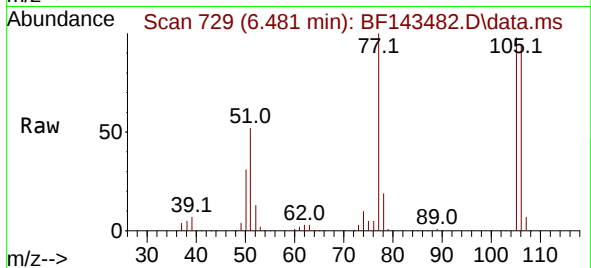




#9
Benzaldehyde
Concen: 49.497 ng
RT: 6.481 min Scan# 729
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

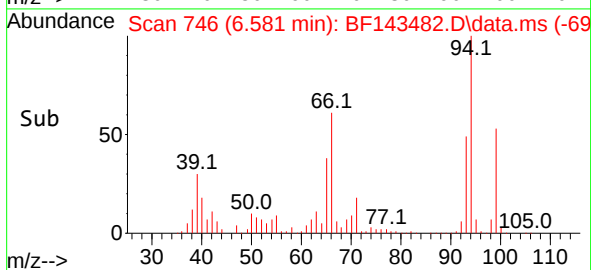
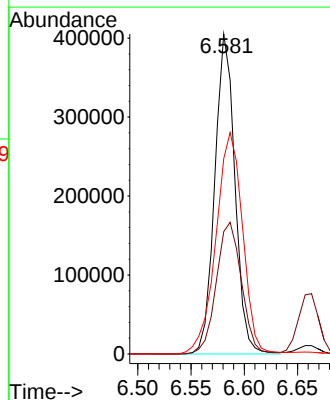
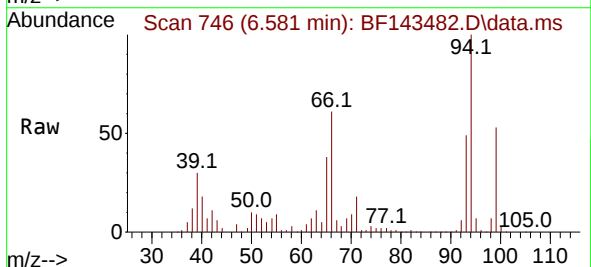
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ClientSampleId :
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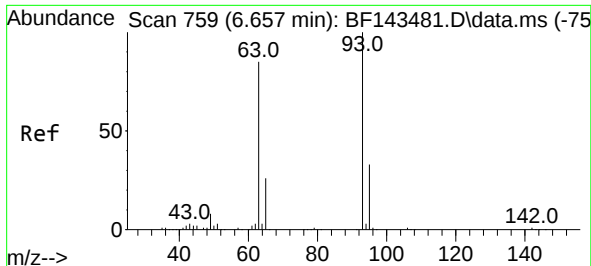
Tgt Ion: 77 Resp: 387617
Ion Ratio Lower Upper
77 100
105 97.5 78.1 118.1
106 93.5 74.9 114.9



#10
Phenol
Concen: 47.696 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 94 Resp: 531465
Ion Ratio Lower Upper
94 100
65 38.2 19.5 59.5
66 61.0 42.5 82.5

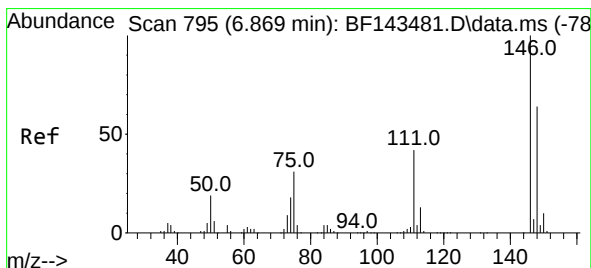
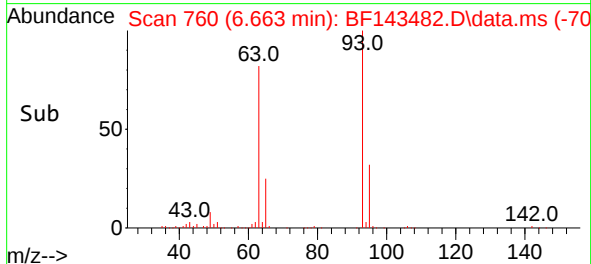
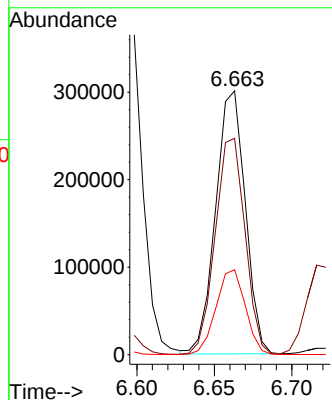
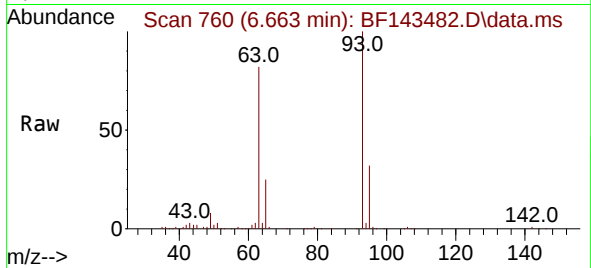




#11
bis(2-Chloroethyl)ether
Concen: 48.077 ng
RT: 6.663 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

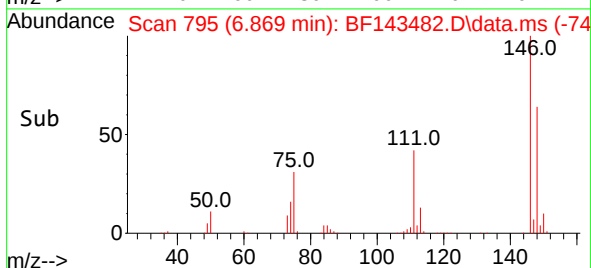
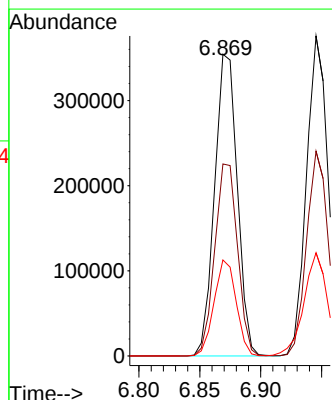
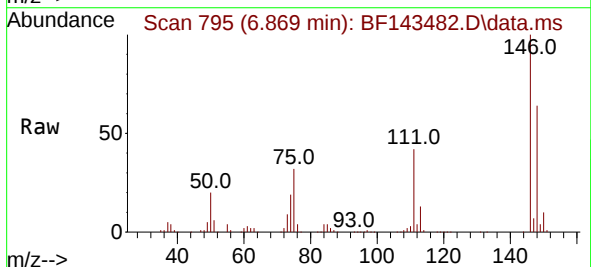
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

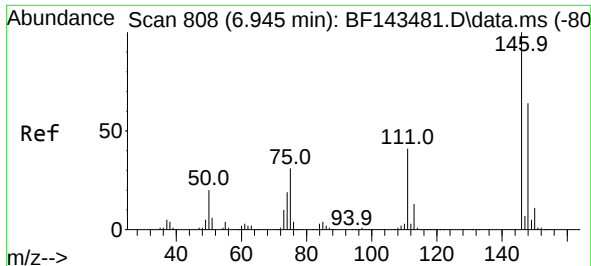
Tgt Ion: 93 Resp: 400326
Ion Ratio Lower Upper
93 100
63 82.0 63.6 103.6
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 47.316 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 146 Resp: 460100
Ion Ratio Lower Upper
146 100
148 63.6 51.3 76.9
75 31.8 24.7 37.1

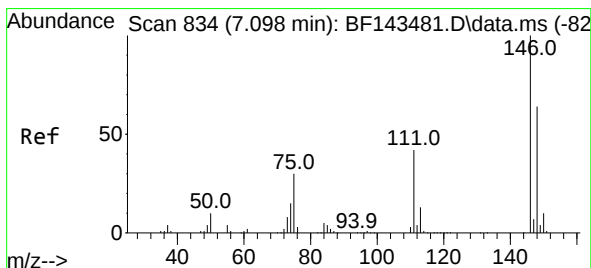
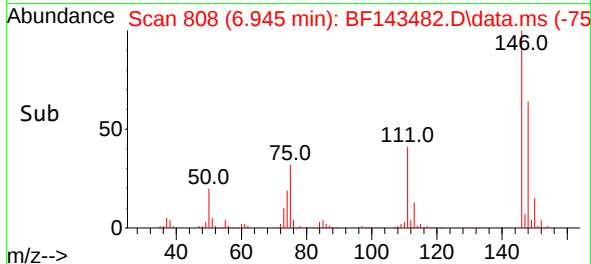
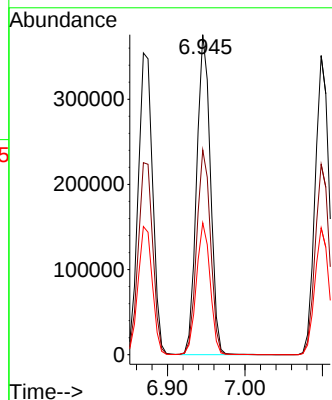
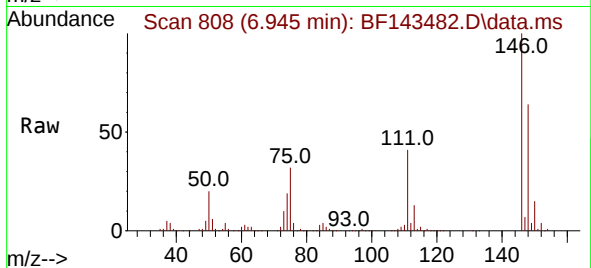




#13
1,4-Dichlorobenzene
Concen: 47.503 ng
RT: 6.945 min Scan# 808
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

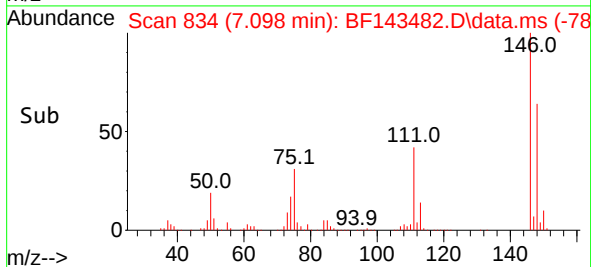
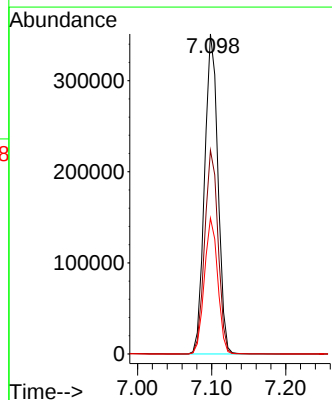
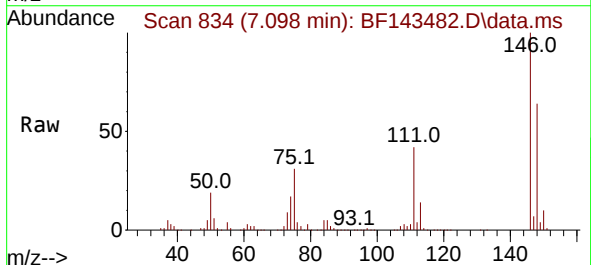
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

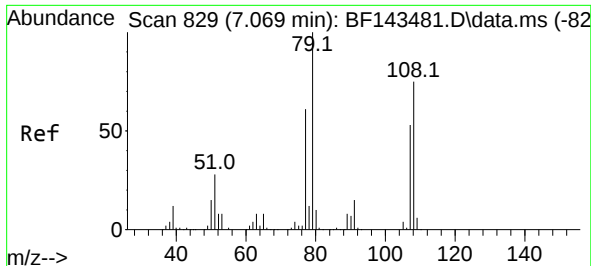
Tgt Ion:146 Resp: 463354
Ion Ratio Lower Upper
146 100
148 64.0 51.5 77.3
111 41.2 32.6 49.0



#14
1,2-Dichlorobenzene
Concen: 47.724 ng
RT: 7.098 min Scan# 834
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:146 Resp: 440736
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 42.4 34.0 51.0

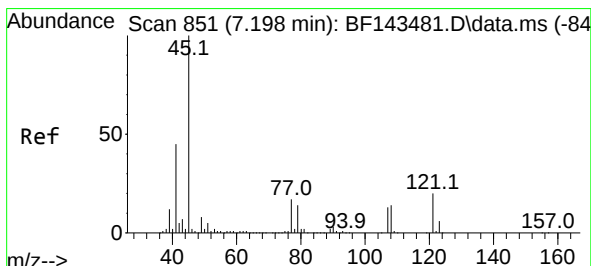
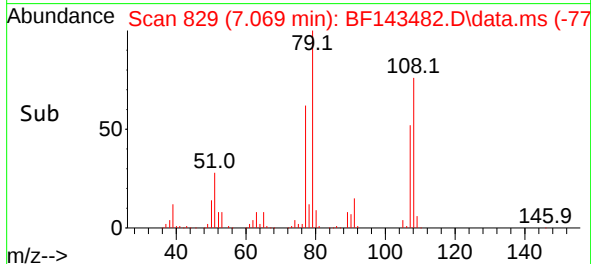
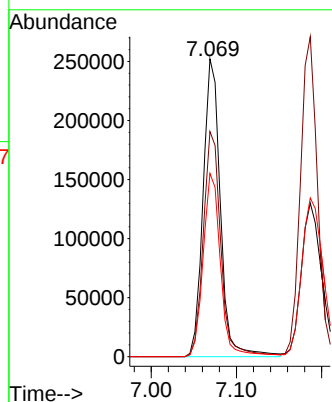
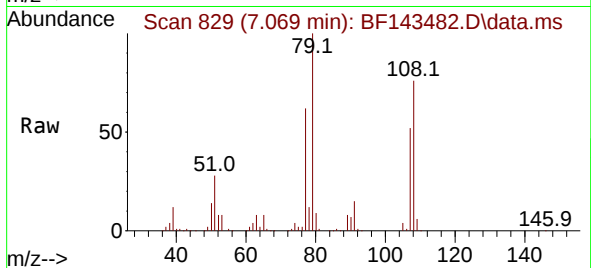




#15
Benzyl Alcohol
Concen: 49.130 ng
RT: 7.069 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

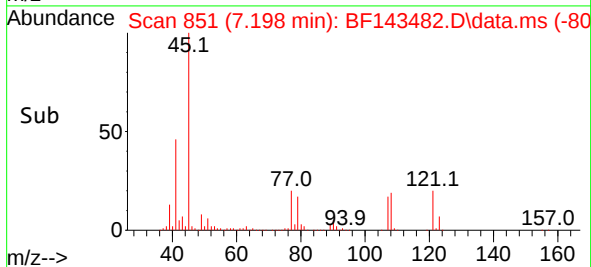
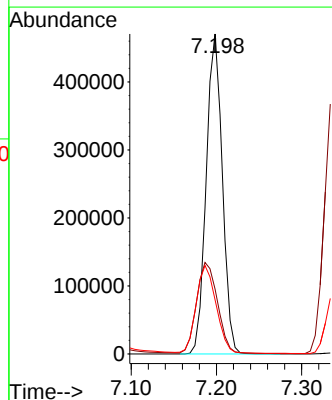
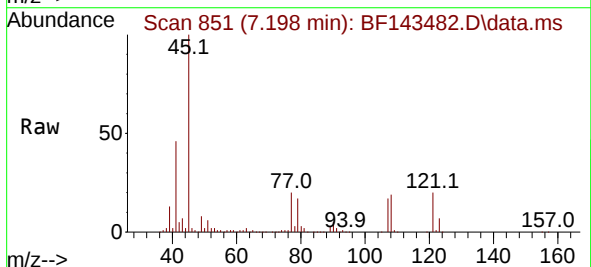
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

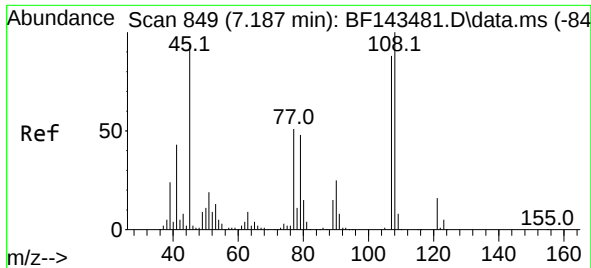
Tgt Ion: 79 Resp: 355789
Ion Ratio Lower Upper
79 100
108 75.6 59.8 89.6
77 61.5 49.0 73.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.354 ng
RT: 7.198 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 45 Resp: 617519
Ion Ratio Lower Upper
45 100
77 20.2 0.0 37.9
79 16.9 0.0 34.7

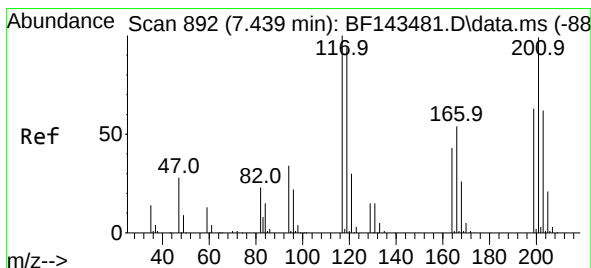
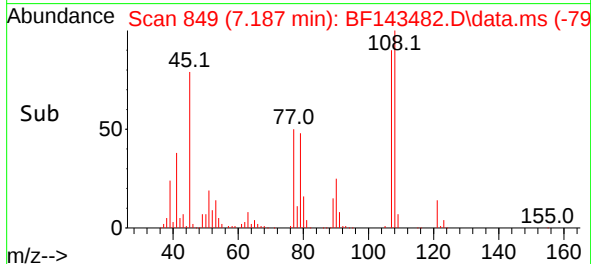
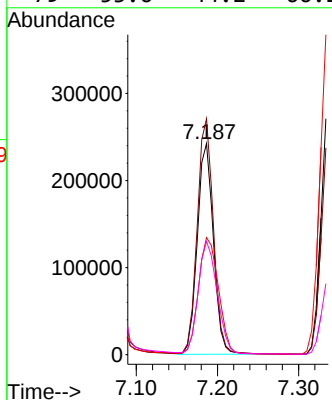
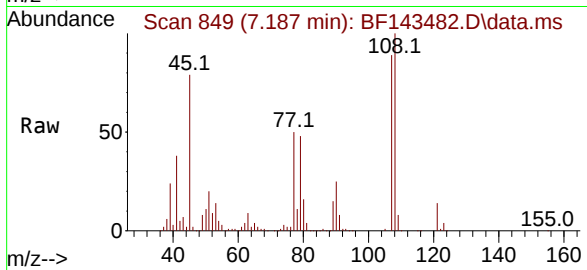




#17
2-Methylphenol
Concen: 48.029 ng
RT: 7.187 min Scan# 849
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

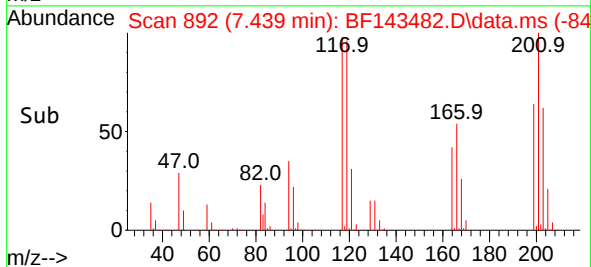
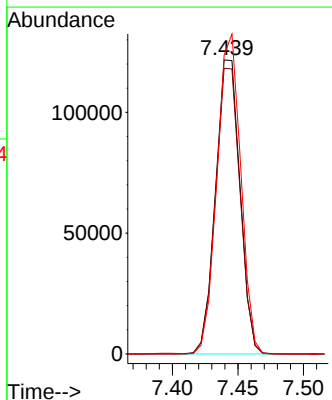
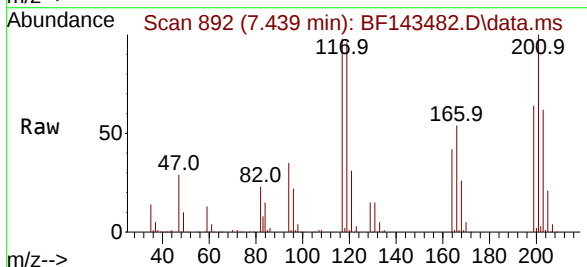
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

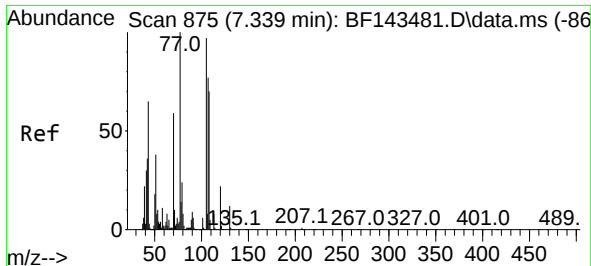
Tgt Ion:	107	Resp:	333608
Ion	Ratio	Lower	Upper
107	100		
108	111.7	91.1	136.7
77	55.4	46.2	69.4
79	53.6	44.2	66.2



#18
Hexachloroethane
Concen: 47.633 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:	117	Resp:	157972
Ion	Ratio	Lower	Upper
117	100		
119	97.2	75.4	113.0
201	101.6	79.0	118.4



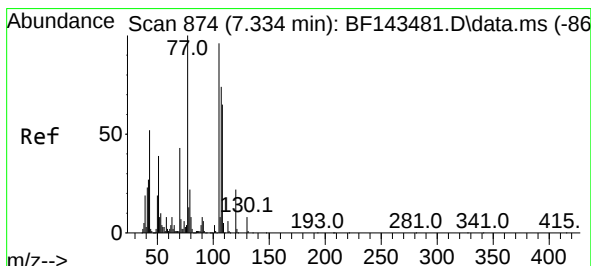
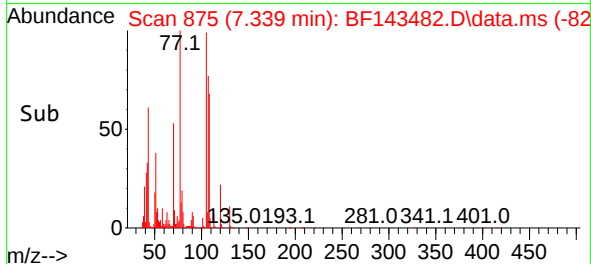
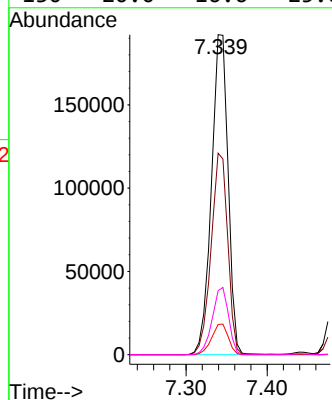
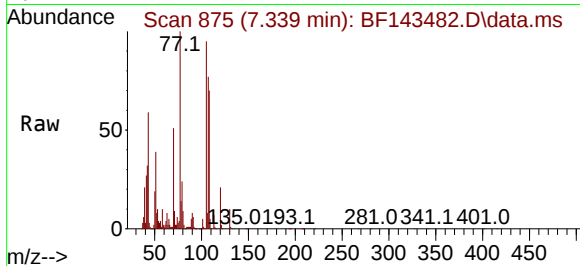


#19
n-Nitroso-di-n-propylamine
Concen: 46.266 ng
RT: 7.339 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion: 70 Resp: 273528

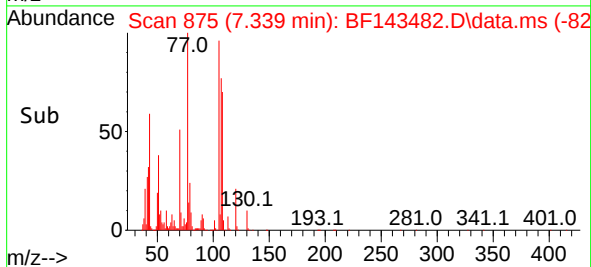
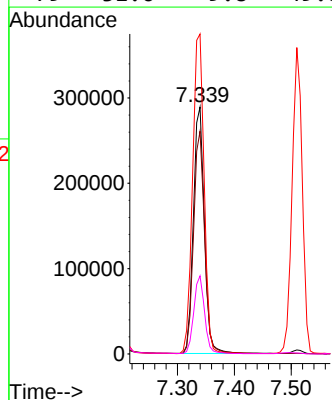
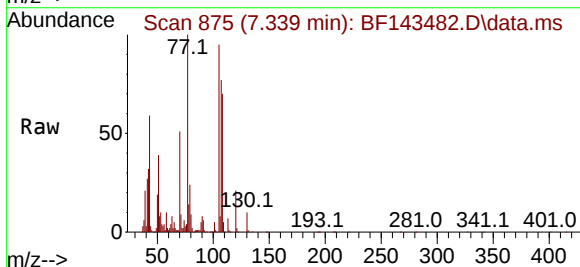
Ion	Ratio	Lower	Upper
70	100		
42	62.9	49.3	73.9
101	9.5	7.8	11.8
130	20.0	16.6	25.0

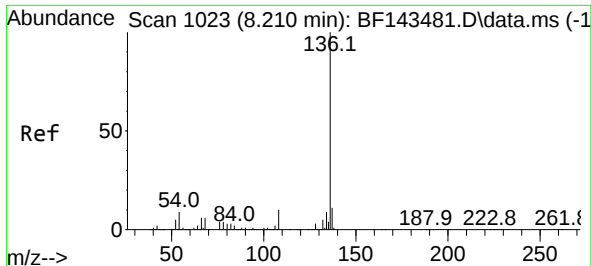


#20
3+4-Methylphenols
Concen: 47.167 ng
RT: 7.339 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 107 Resp: 391106

Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.4	108.4
77	129.6	116.1	156.1
79	31.6	9.8	49.8

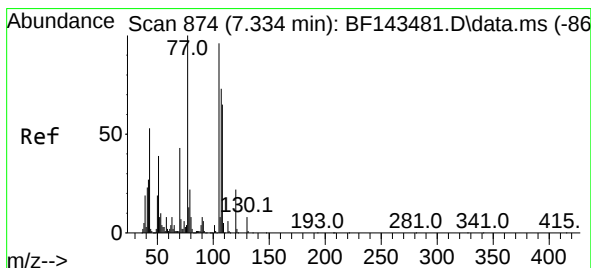
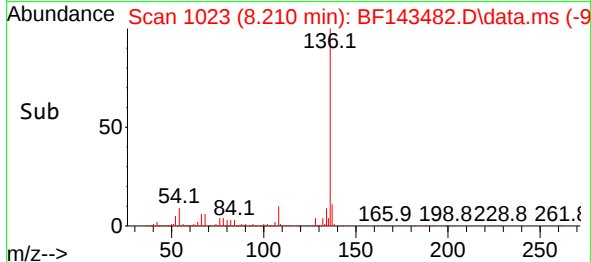
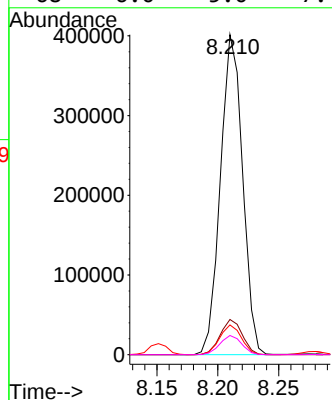
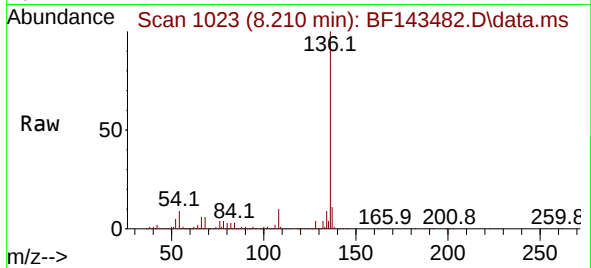




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

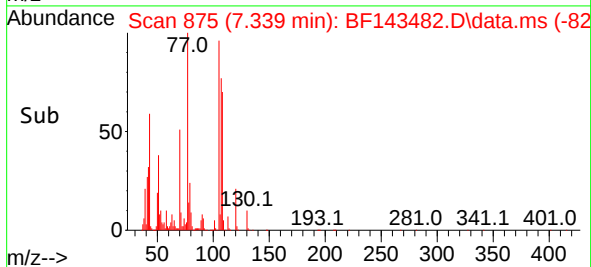
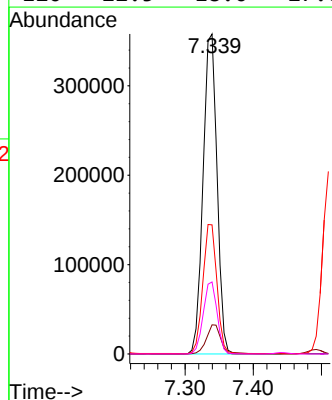
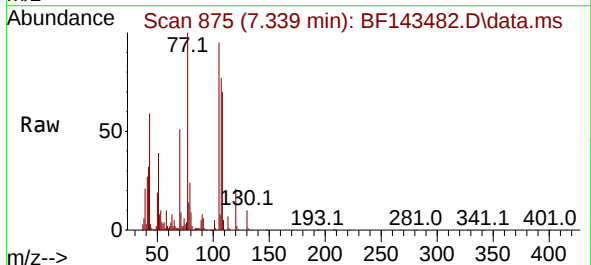
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

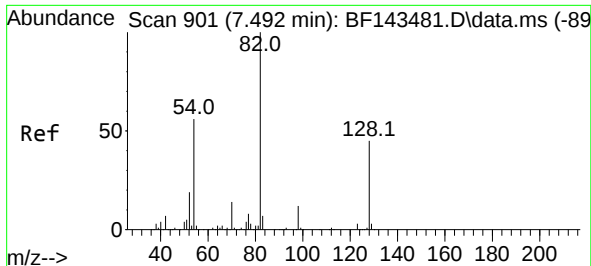
Tgt Ion:	136	Resp:	508977
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.0	13.4
54	9.3	7.4	11.2
68	6.0	5.0	7.4



#22
Acetophenone
Concen: 46.526 ng
RT: 7.339 min Scan# 875
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:	105	Resp:	511600
Ion Ratio	Lower	Upper	
105	100		
71	9.1	5.9	8.9#
51	40.3	32.5	48.7
120	22.5	18.0	27.0





#23

Nitrobenzene-d5

Concen: 97.674 ng

RT: 7.492 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

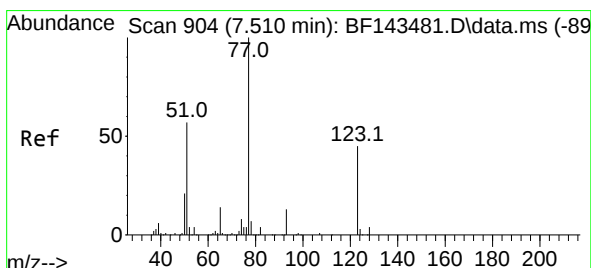
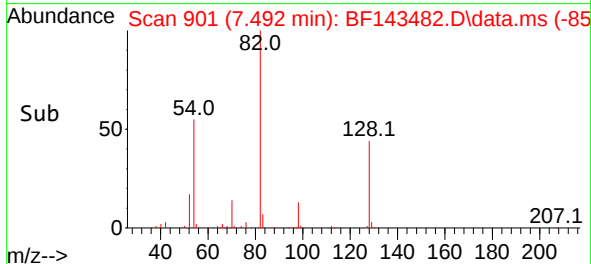
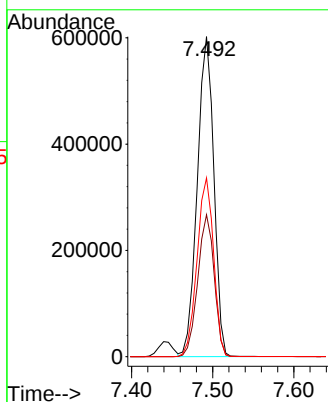
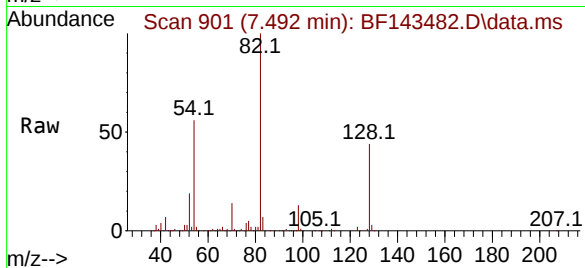
Tgt Ion: 82 Resp: 851921

Ion Ratio Lower Upper

82 100

128 44.3 35.5 53.3

54 55.8 44.3 66.5



#24

Nitrobenzene

Concen: 49.387 ng

RT: 7.510 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

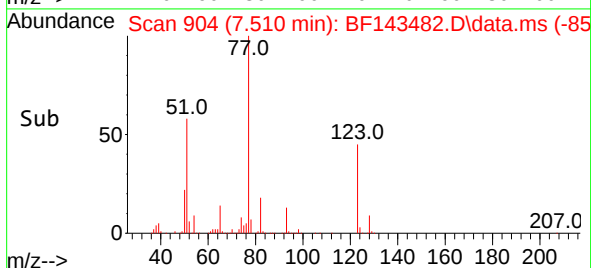
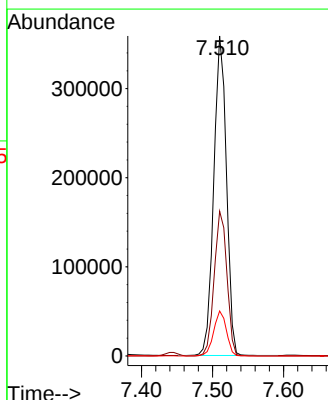
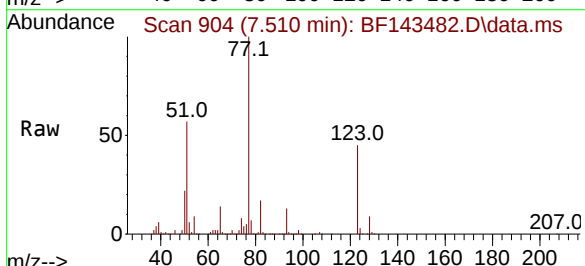
Tgt Ion: 77 Resp: 443345

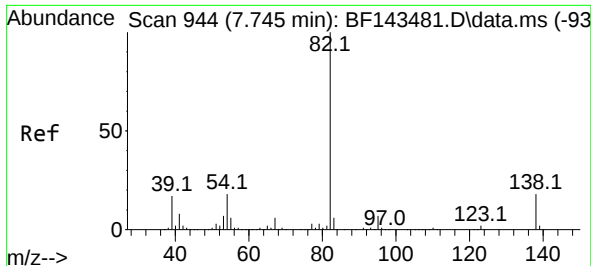
Ion Ratio Lower Upper

77 100

123 45.2 36.1 54.1

65 14.1 11.0 16.6

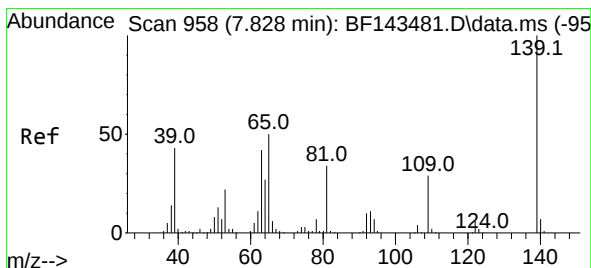
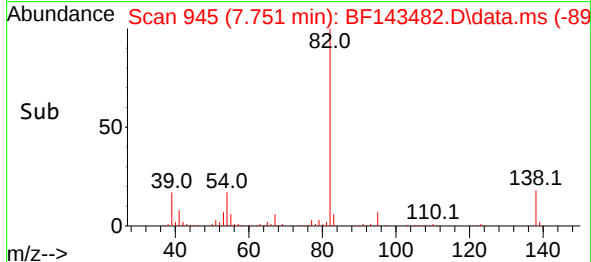
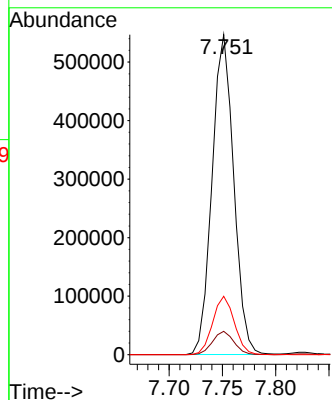
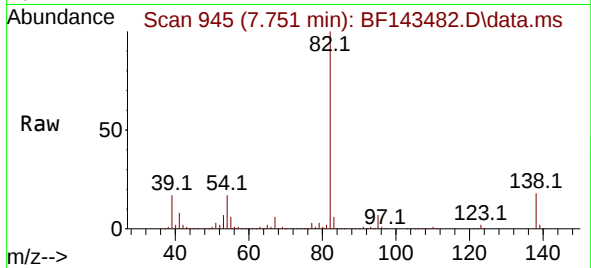




#25
Isophorone
Concen: 48.401 ng
RT: 7.751 min Scan# 944
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

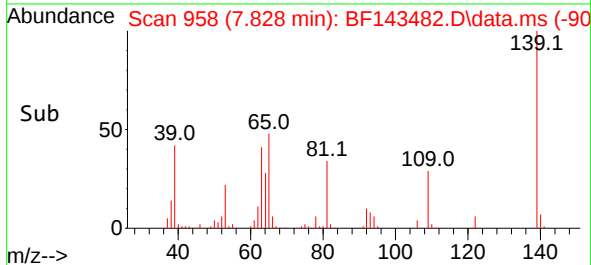
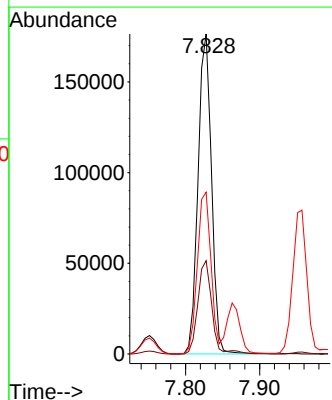
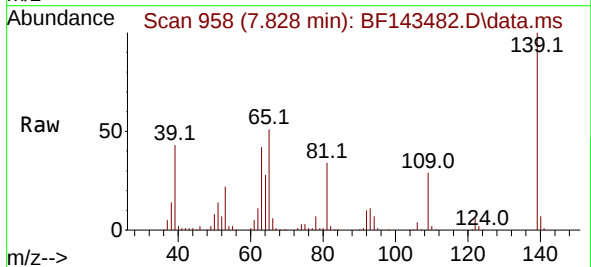
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

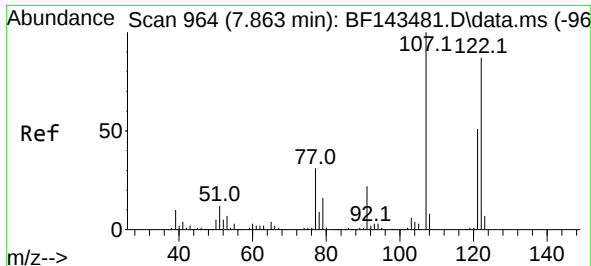
Tgt Ion: 82 Resp: 773853
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 18.3 14.2 21.4



#26
2-Nitrophenol
Concen: 50.572 ng
RT: 7.828 min Scan# 958
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:139 Resp: 222383
Ion Ratio Lower Upper
139 100
109 29.1 23.0 34.6
65 50.5 40.3 60.5

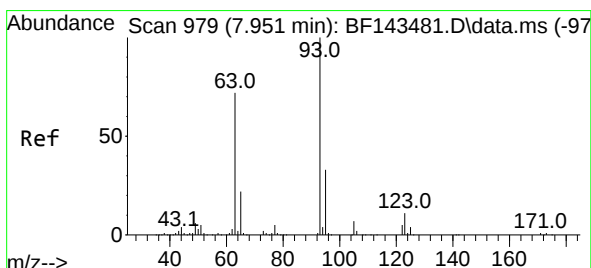
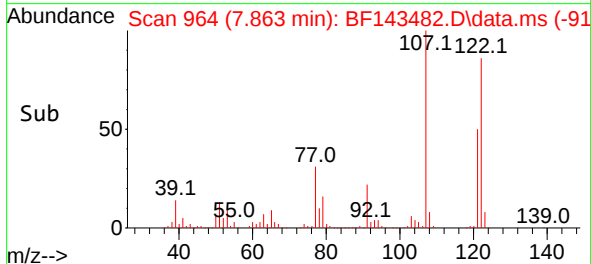
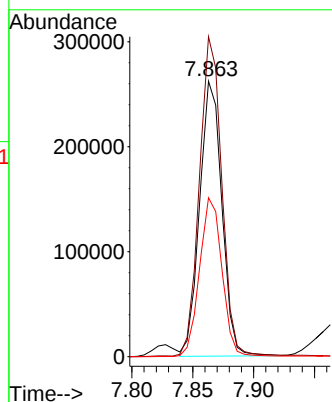
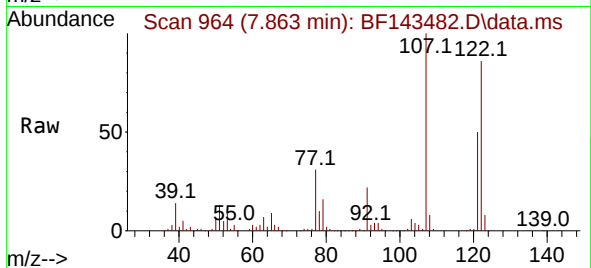




#27
2,4-Dimethylphenol
Concen: 48.606 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

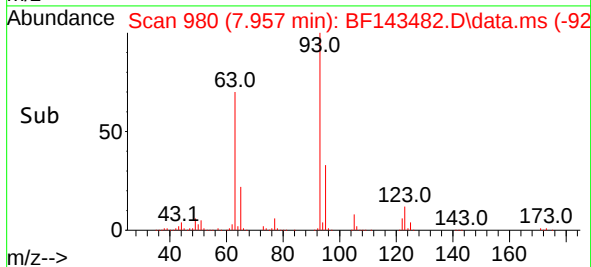
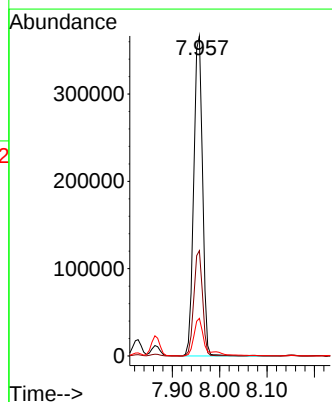
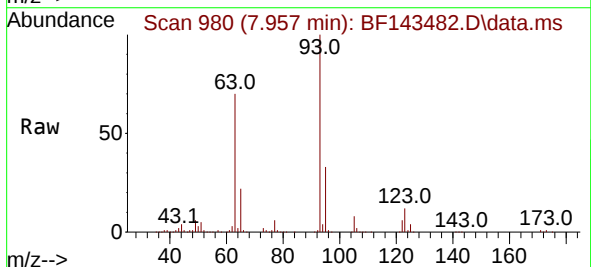
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

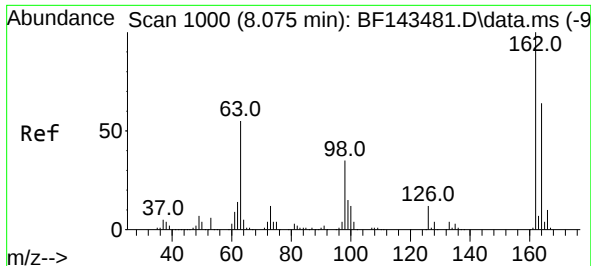
Tgt Ion:122 Resp: 333188
Ion Ratio Lower Upper
122 100
107 116.2 91.5 137.3
121 57.7 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 48.070 ng
RT: 7.957 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 93 Resp: 472331
Ion Ratio Lower Upper
93 100
95 32.9 26.0 39.0
123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 48.908 ng

RT: 8.075 min Scan# 1000

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

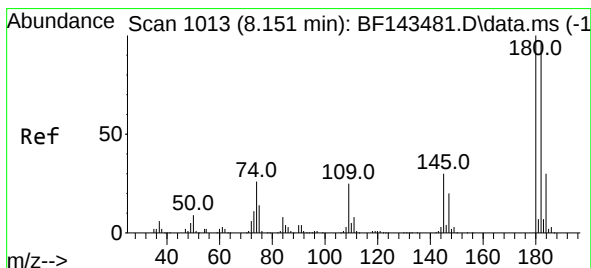
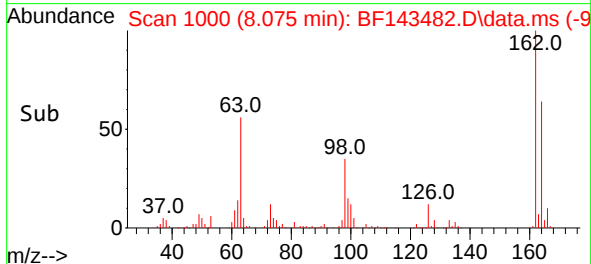
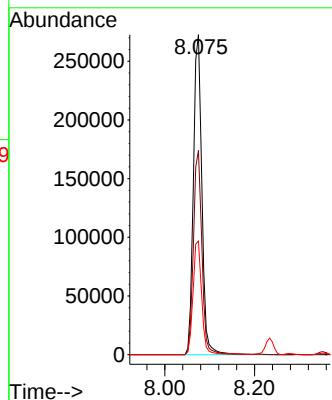
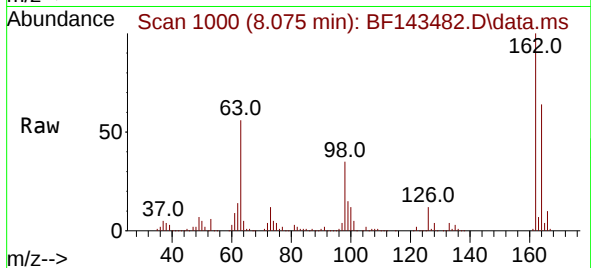
Tgt Ion:162 Resp: 358054

Ion Ratio Lower Upper

162 100

164 63.8 43.5 83.5

98 35.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 47.673 ng

RT: 8.151 min Scan# 1013

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

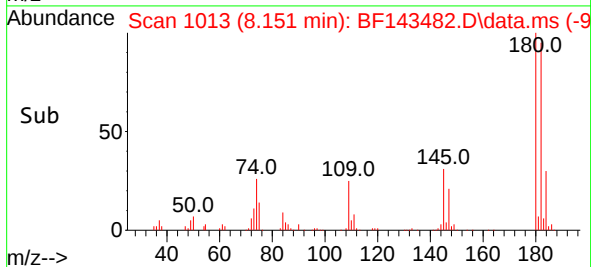
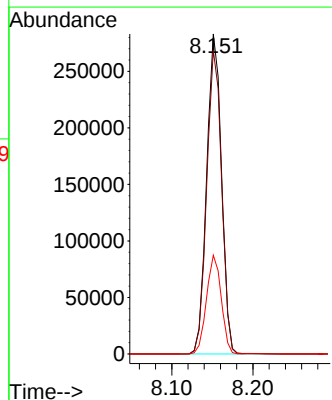
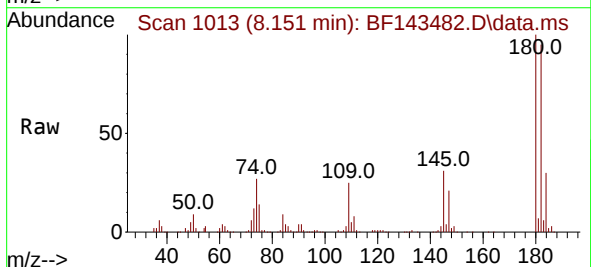
Tgt Ion:180 Resp: 358839

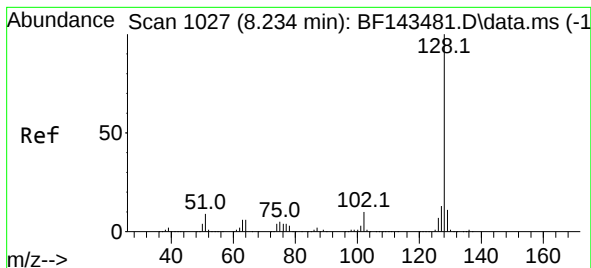
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 30.8 24.3 36.5





#31

Naphthalene

Concen: 47.228 ng

RT: 8.234 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

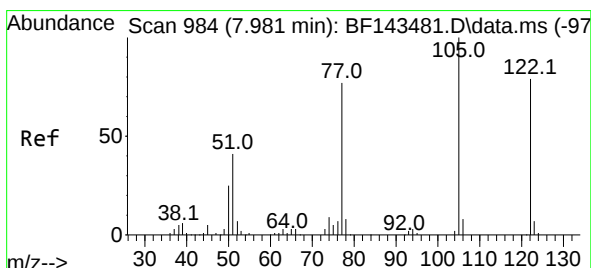
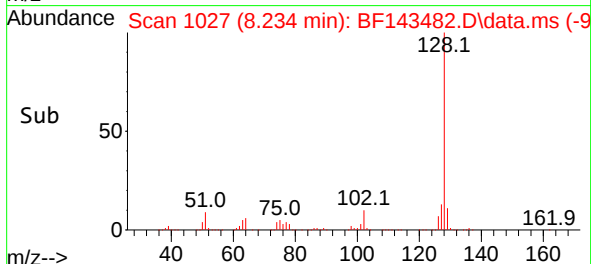
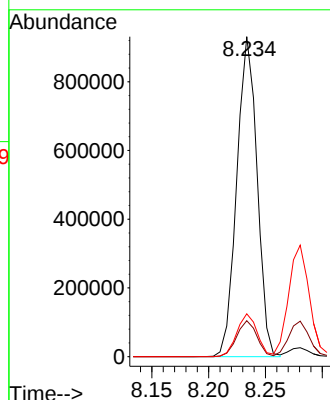
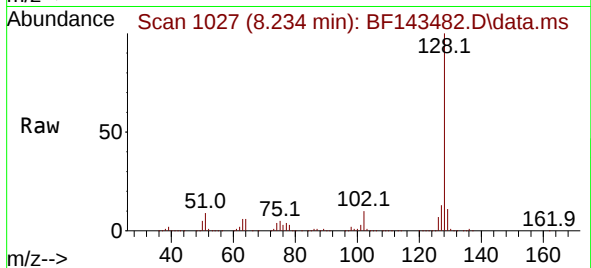
Tgt Ion:128 Resp: 1154068

Ion Ratio Lower Upper

128 100

129 11.2 8.8 13.2

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 49.619 ng

RT: 7.992 min Scan# 986

Delta R.T. -0.018 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

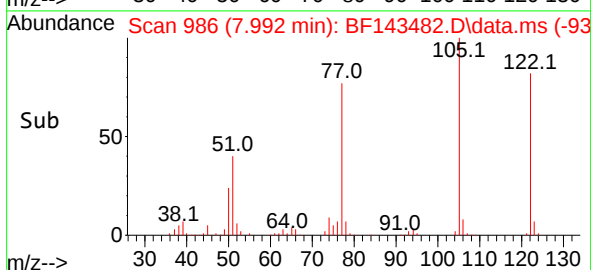
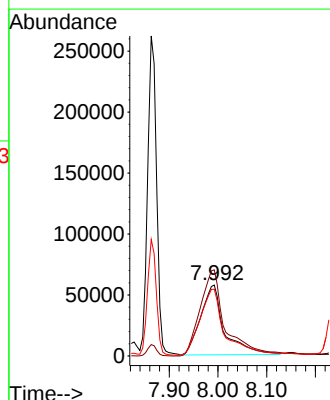
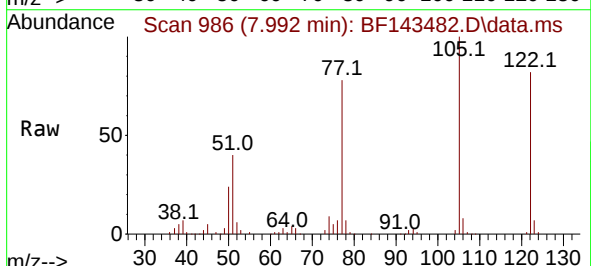
Tgt Ion:122 Resp: 194231

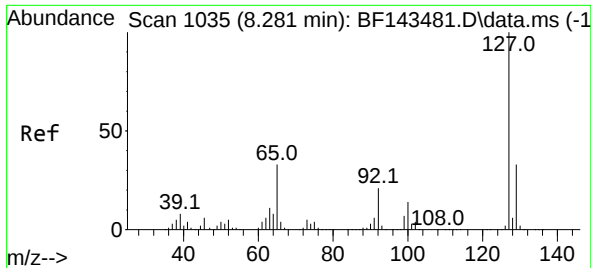
Ion Ratio Lower Upper

122 100

105 121.3 104.7 144.7

77 94.1 77.3 117.3

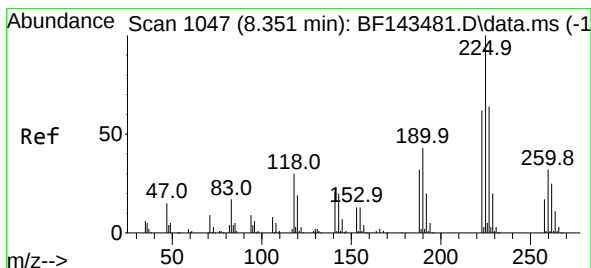
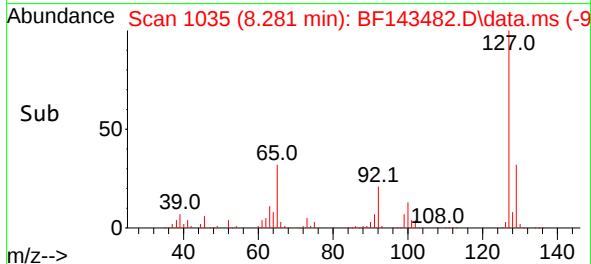
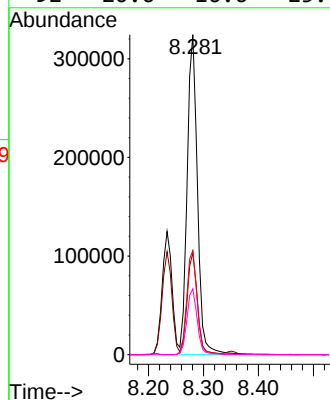
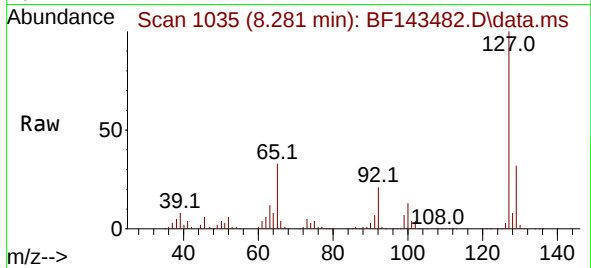




#33
4-Chloroaniline
Concen: 48.617 ng
RT: 8.281 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

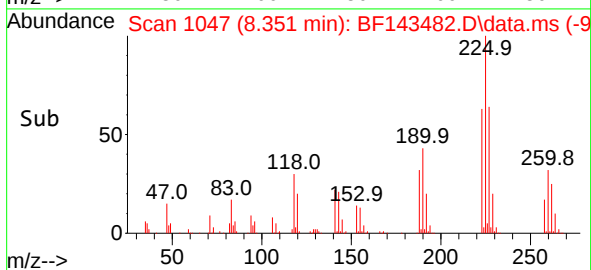
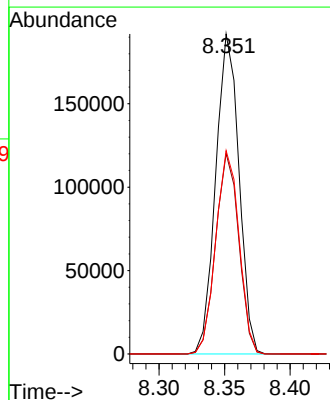
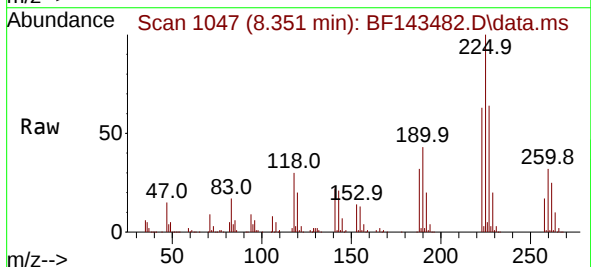
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

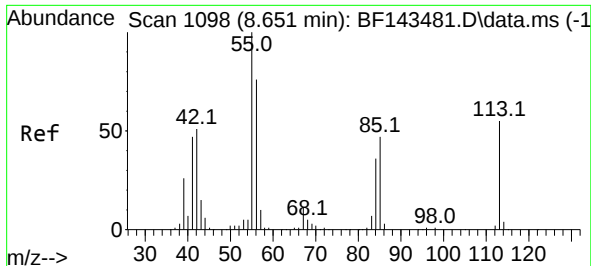
Tgt	Ion:127	Resp:	421648
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.1	39.1
65	32.5	26.2	39.2
92	20.6	16.6	25.0



#34
Hexachlorobutadiene
Concen: 48.095 ng
RT: 8.351 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt	Ion:225	Resp:	236186
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.9	74.9
227	63.6	50.9	76.3

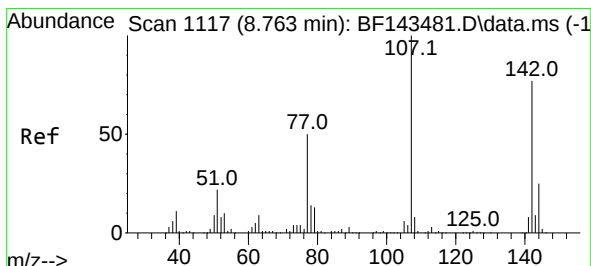
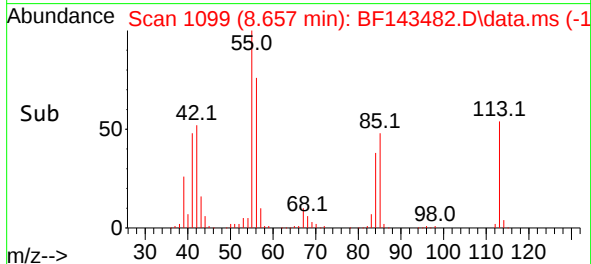
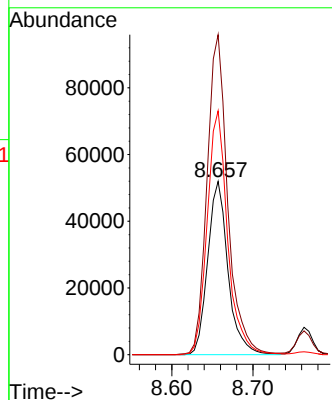
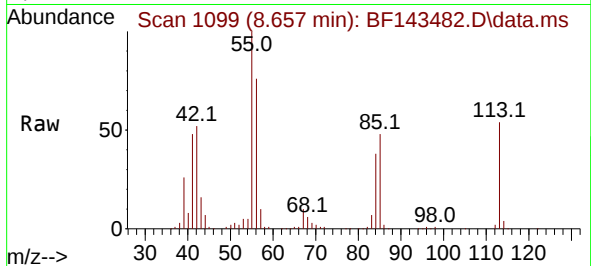




#35
Caprolactam
Concen: 51.340 ng
RT: 8.657 min Scan# 1109
Delta R.T. -0.018 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

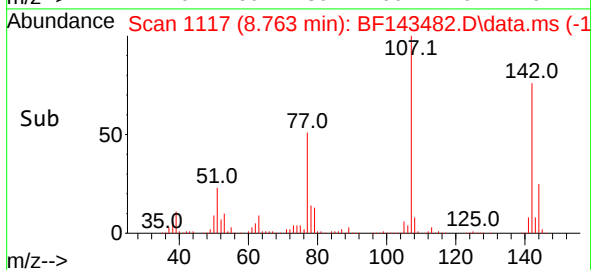
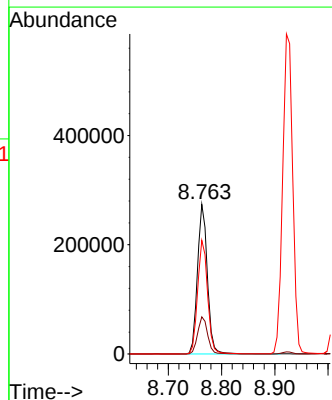
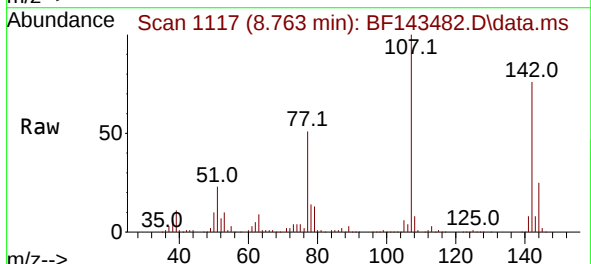
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

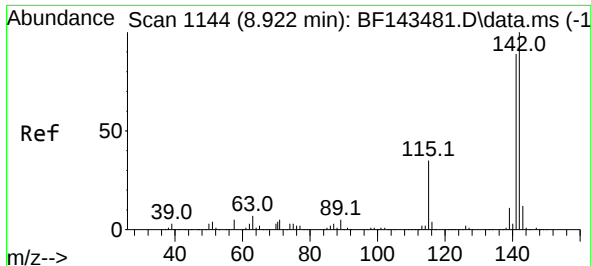
Tgt Ion:113 Resp: 90192
Ion Ratio Lower Upper
113 100
55 184.7 162.8 202.8
56 140.7 118.1 158.1



#36
4-Chloro-3-methylphenol
Concen: 48.497 ng
RT: 8.763 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:107 Resp: 355809
Ion Ratio Lower Upper
107 100
144 24.9 19.9 29.9
142 75.9 61.8 92.8

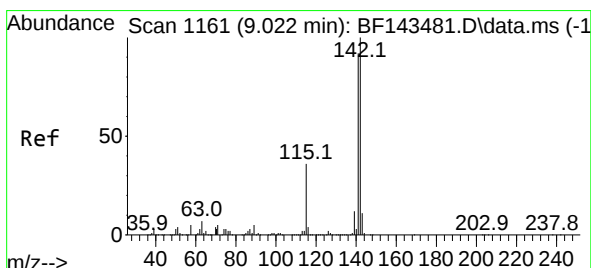
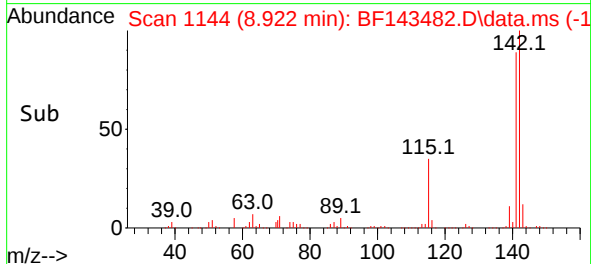
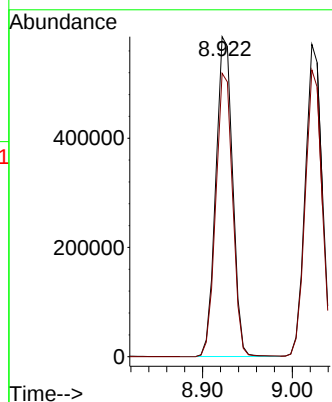
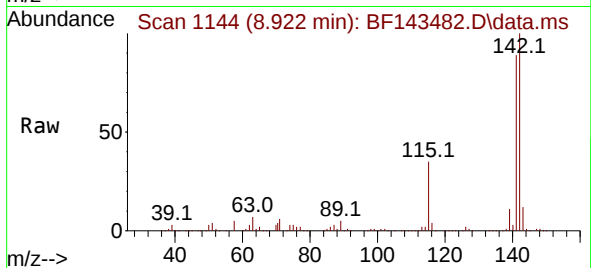




#37
2-Methylnaphthalene
Concen: 46.774 ng
RT: 8.922 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

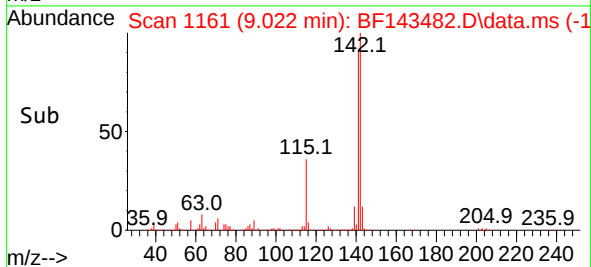
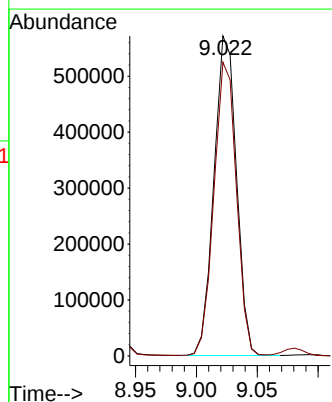
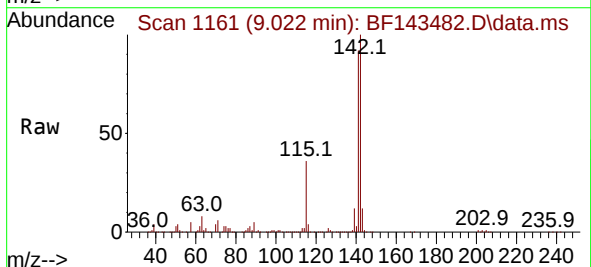
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

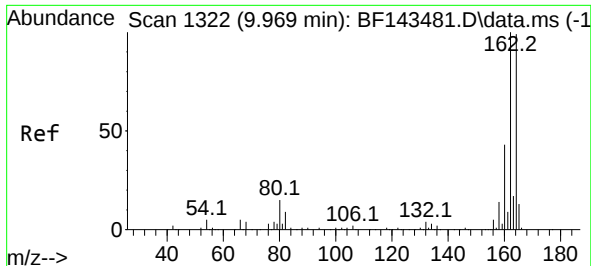
Tgt Ion:142 Resp: 763368
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.4



#38
1-Methylnaphthalene
Concen: 47.049 ng
RT: 9.022 min Scan# 1161
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

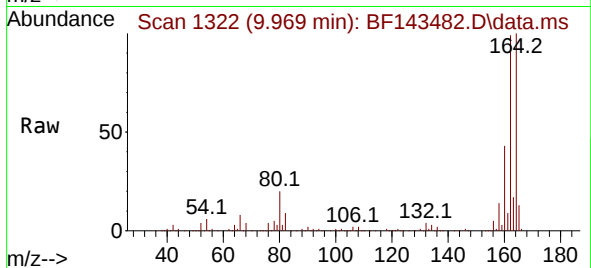
Tgt Ion:142 Resp: 734490
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9



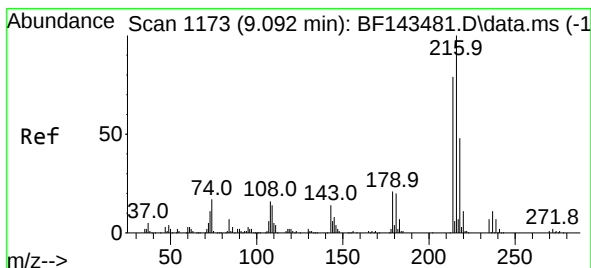
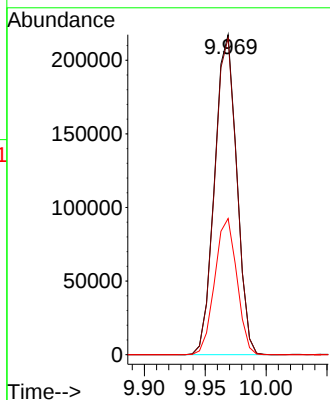
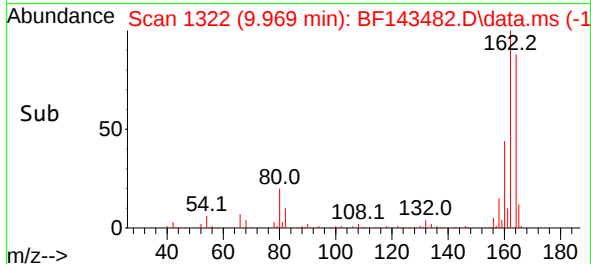


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

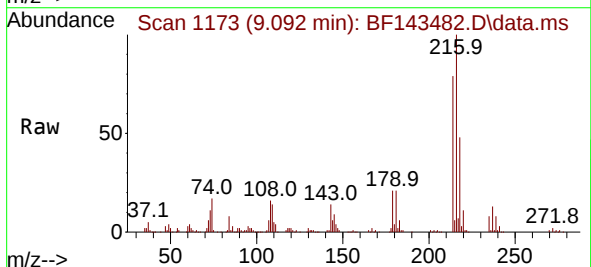
Instrument :
BNA_F
ClientSampleId :
SSTDICC050



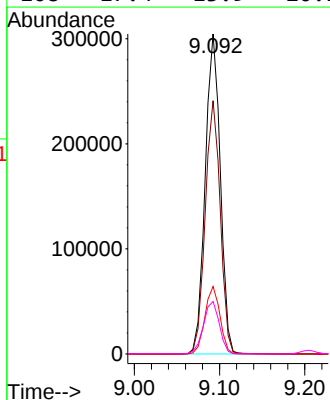
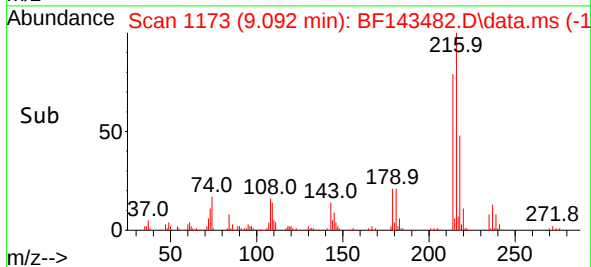
Tgt Ion:164 Resp: 274766
Ion Ratio Lower Upper
164 100
162 98.9 80.5 120.7
160 42.6 34.3 51.5

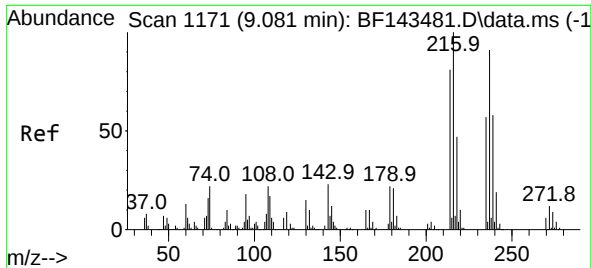


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.541 ng
RT: 9.092 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22



Tgt Ion:216 Resp: 373639
Ion Ratio Lower Upper
216 100
214 78.9 63.4 95.0
179 20.9 16.5 24.7
108 17.4 13.9 20.9

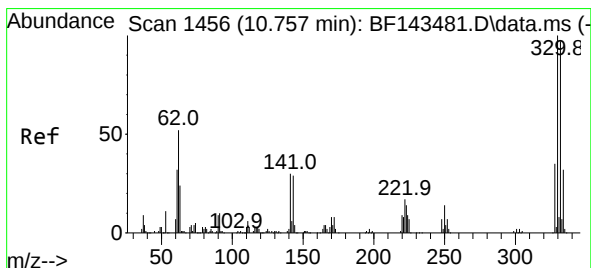
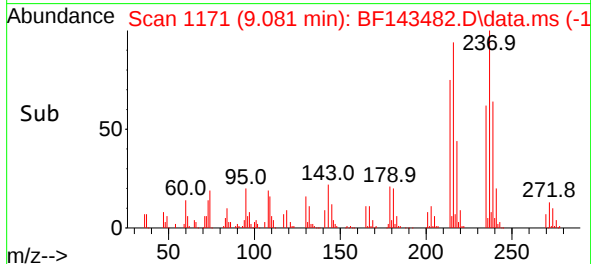
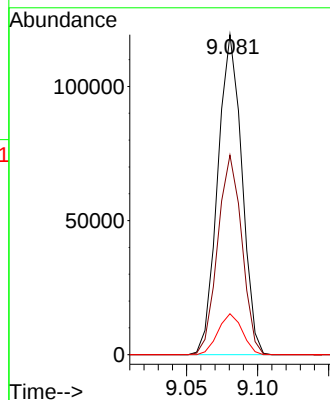
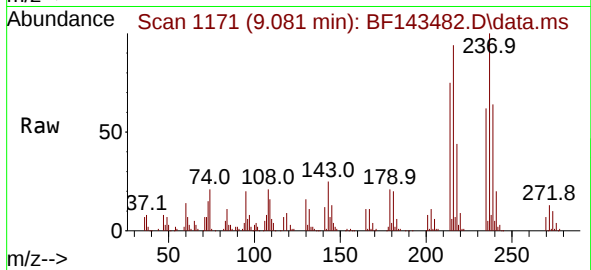




#41
Hexachlorocyclopentadiene
Concen: 48.905 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

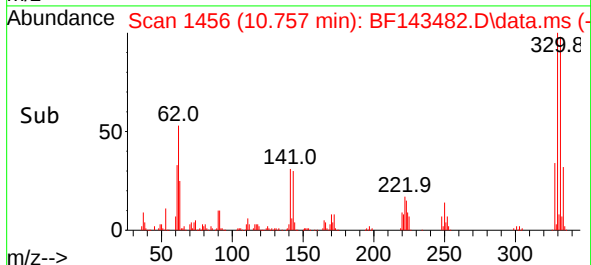
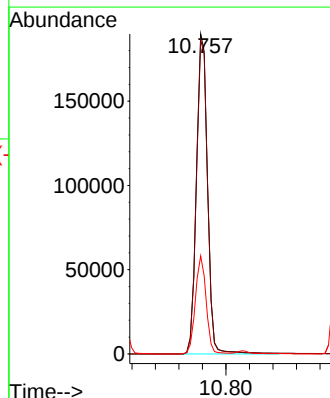
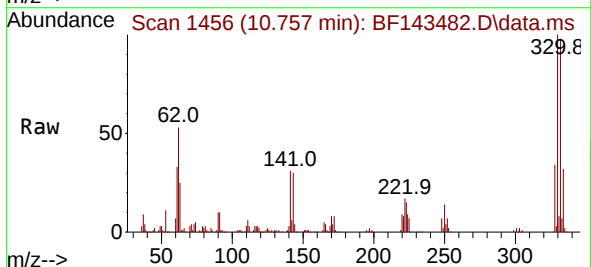
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

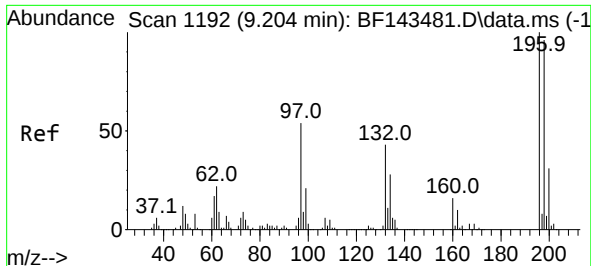
Tgt Ion:237 Resp: 141023
Ion Ratio Lower Upper
237 100
235 62.3 42.6 82.6
272 12.8 0.0 33.4



#42
2,4,6-Tribromophenol
Concen: 97.306 ng
RT: 10.757 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:330 Resp: 248877
Ion Ratio Lower Upper
330 100
332 98.3 78.0 117.0
141 29.6 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 49.900 ng

RT: 9.204 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

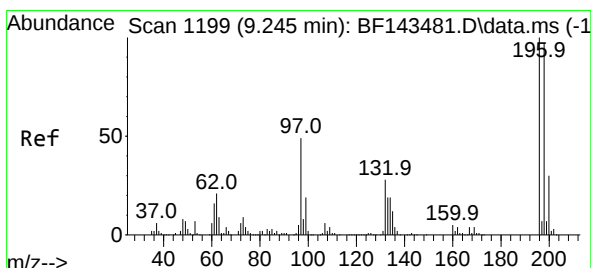
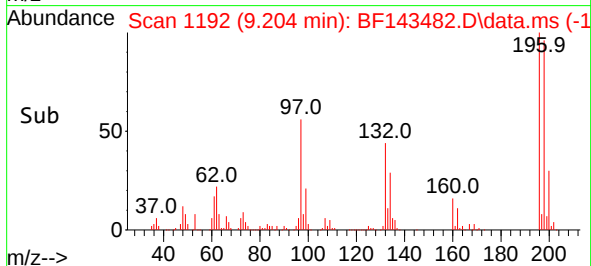
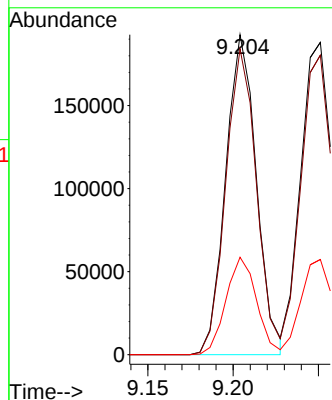
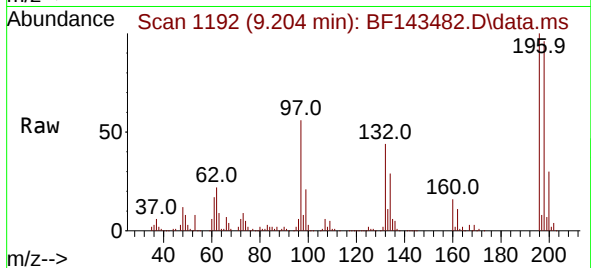
Tgt Ion:196 Resp: 241322

Ion Ratio Lower Upper

196 100

198 95.5 77.0 115.4

200 30.4 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 49.041 ng

RT: 9.251 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Tgt Ion:196 Resp: 259061

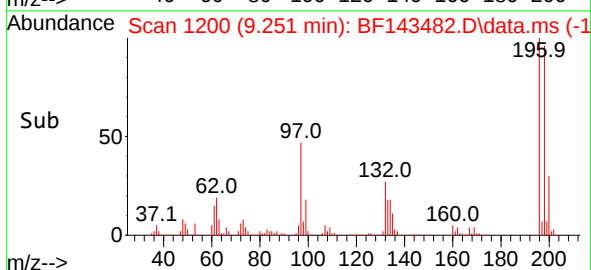
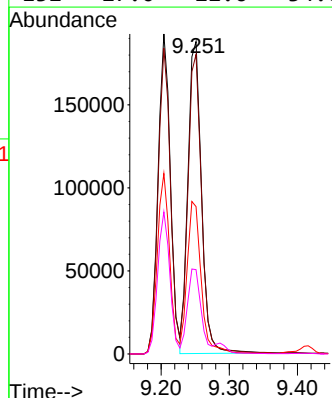
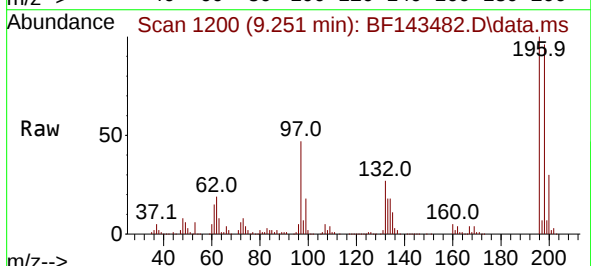
Ion Ratio Lower Upper

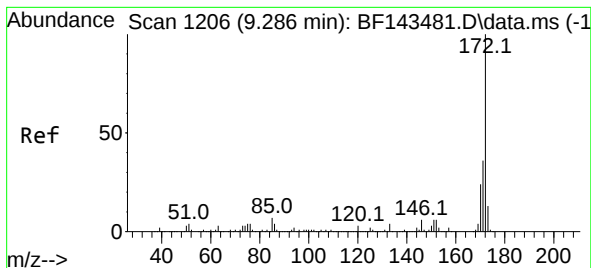
196 100

198 95.9 77.3 115.9

97 47.2 40.0 60.0

132 27.0 22.6 34.0





#45

2-Fluorobiphenyl

Concen: 91.359 ng

RT: 9.286 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

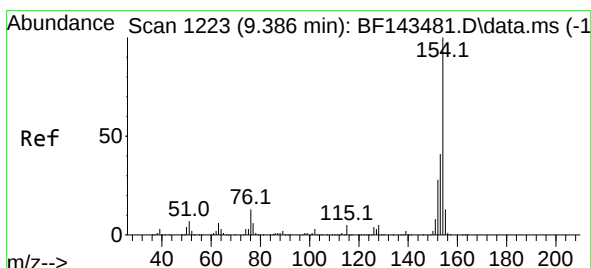
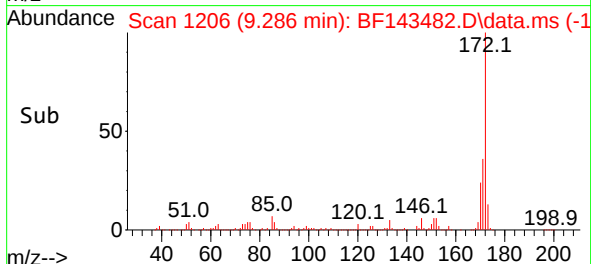
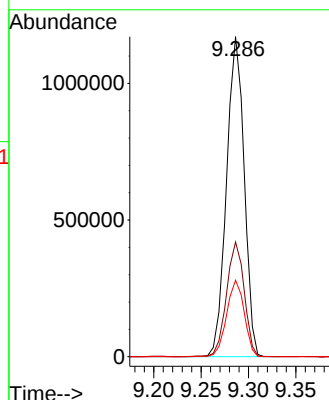
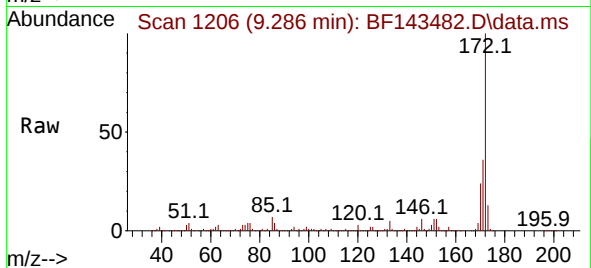
Tgt Ion:172 Resp: 1518897

Ion Ratio Lower Upper

172 100

171 35.9 28.8 43.2

170 23.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 47.038 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

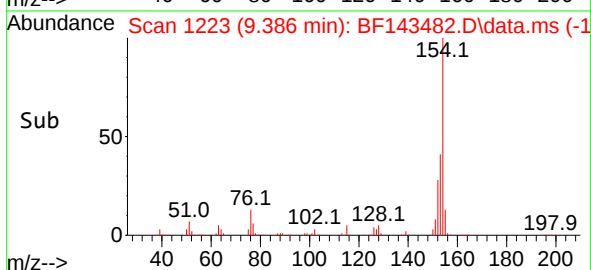
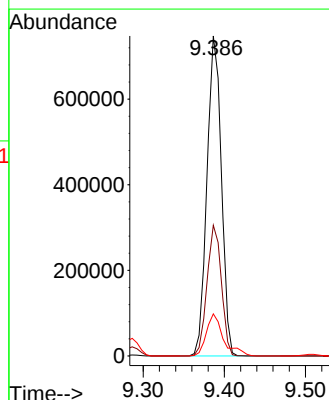
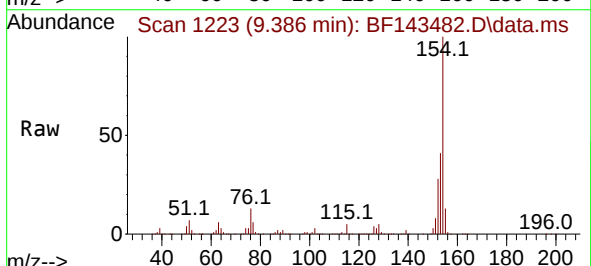
Tgt Ion:154 Resp: 917350

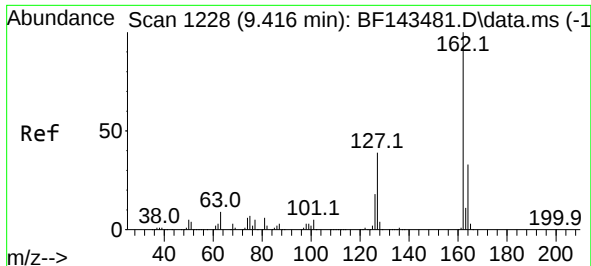
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

76 13.2 0.0 33.0

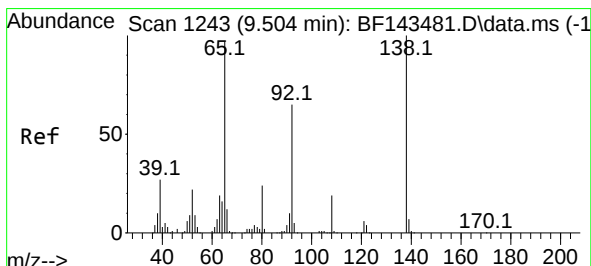
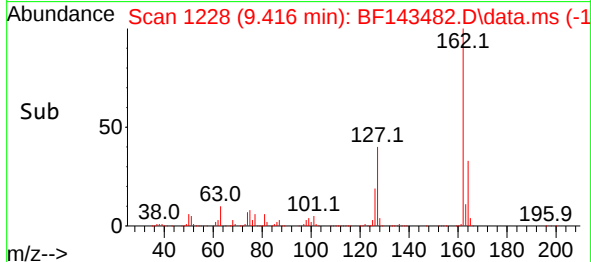
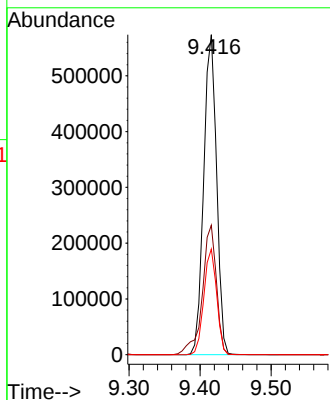
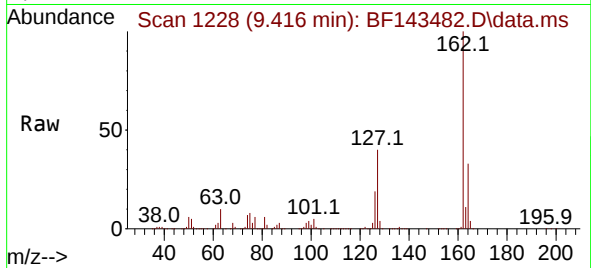




#47
2-Chloronaphthalene
Concen: 47.420 ng
RT: 9.416 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

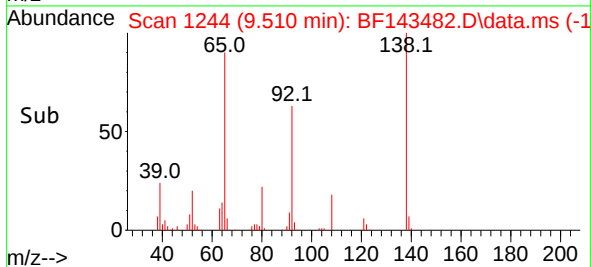
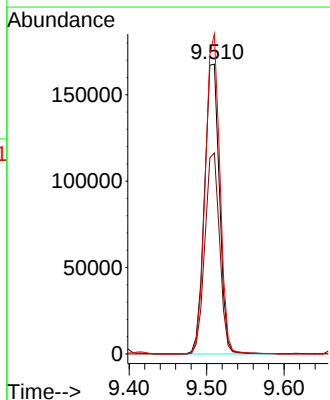
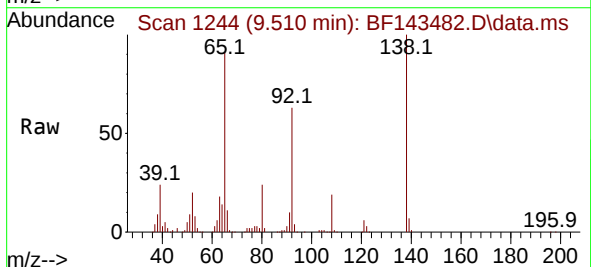
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

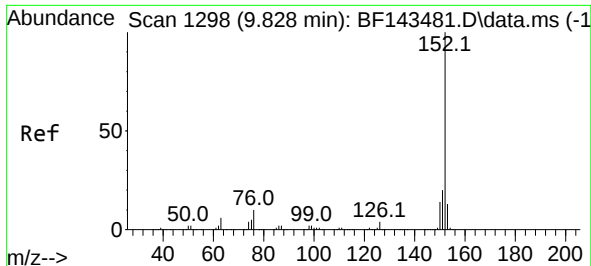
Tgt Ion:162 Resp: 725620
Ion Ratio Lower Upper
162 100
127 40.5 31.8 47.6
164 33.0 26.4 39.6



#48
2-Nitroaniline
Concen: 50.489 ng
RT: 9.510 min Scan# 1244
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion: 65 Resp: 226106
Ion Ratio Lower Upper
65 100
92 69.4 53.8 80.6
138 110.5 82.4 123.6

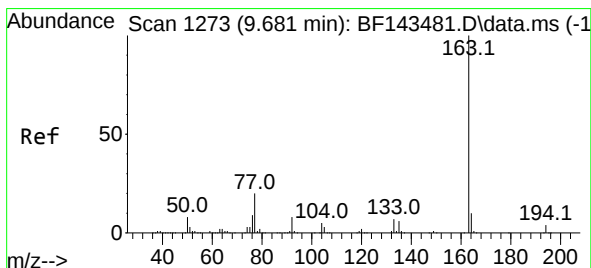
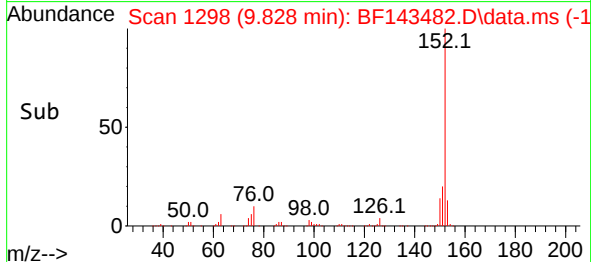
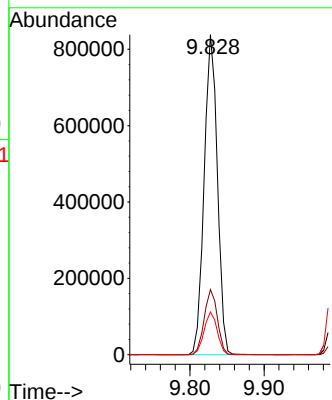
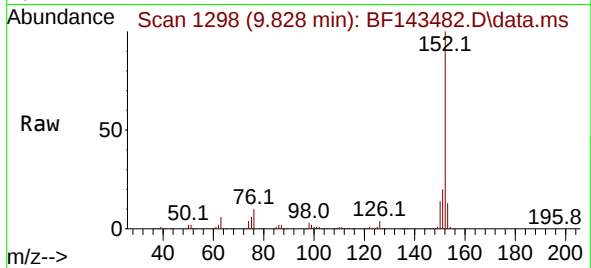




#49
Acenaphthylene
Concen: 47.536 ng
RT: 9.828 min Scan# 1298
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

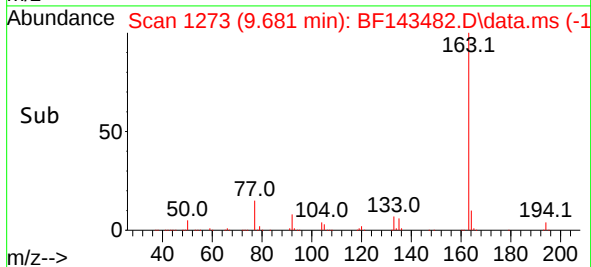
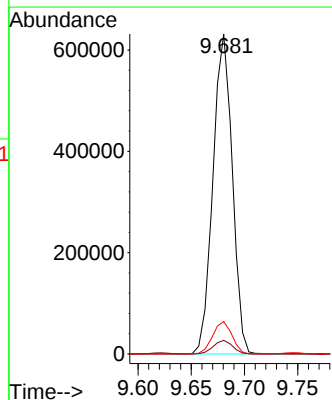
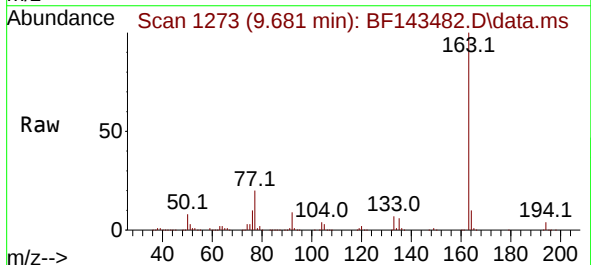
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

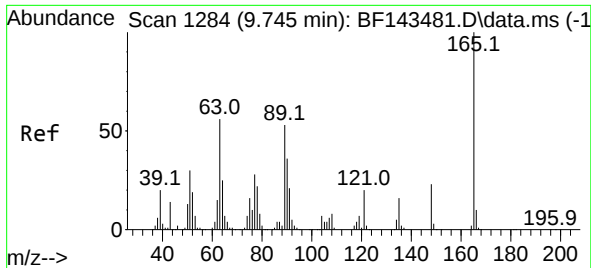
Tgt Ion:152 Resp: 1041531
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.3 10.6 15.8



#50
Dimethylphthalate
Concen: 48.090 ng
RT: 9.681 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:163 Resp: 795814
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.1 8.2 12.2

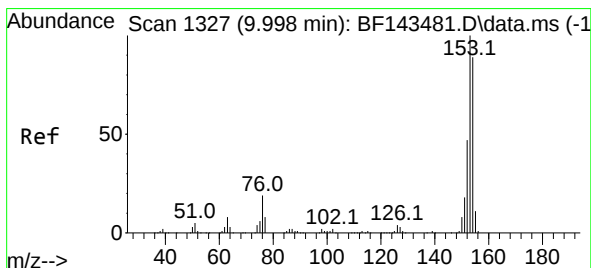
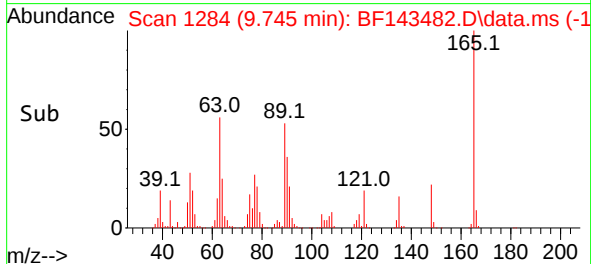
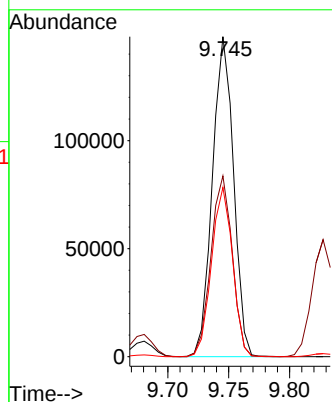
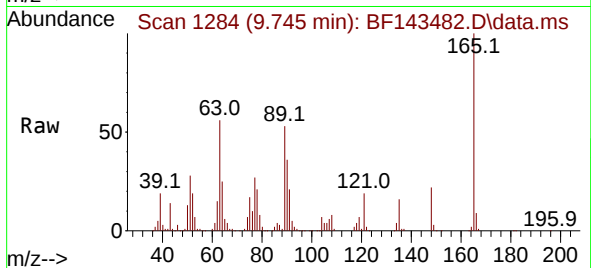




#51
2,6-Dinitrotoluene
Concen: 52.104 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

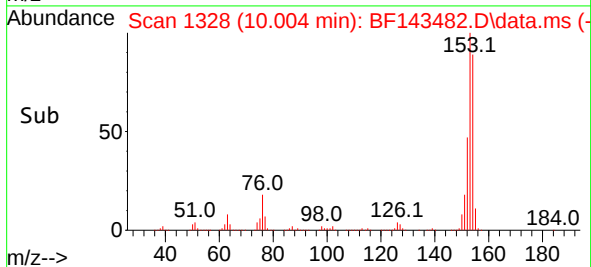
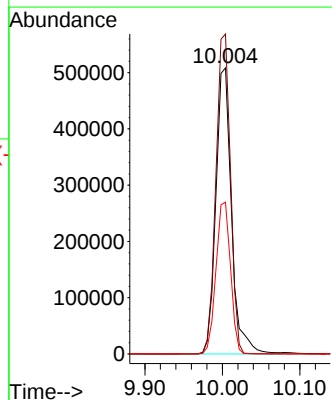
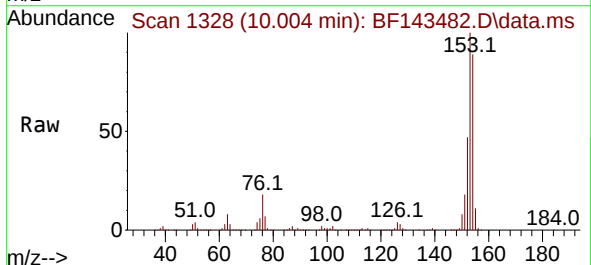
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

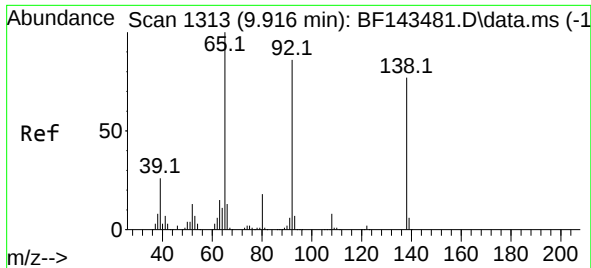
Tgt Ion:165 Resp: 178703
Ion Ratio Lower Upper
165 100
63 56.5 45.0 67.6
89 52.9 42.5 63.7



#52
Acenaphthene
Concen: 47.905 ng
RT: 10.004 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:154 Resp: 712642
Ion Ratio Lower Upper
154 100
153 111.9 89.5 134.3
152 53.1 42.5 63.7

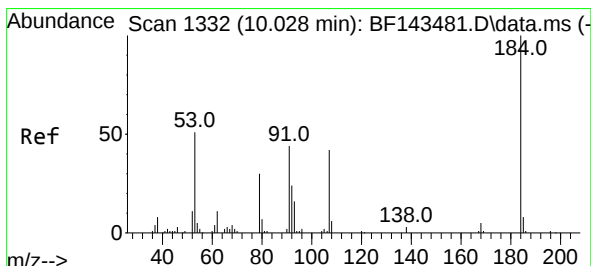
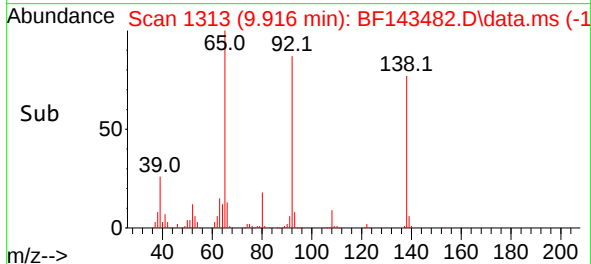
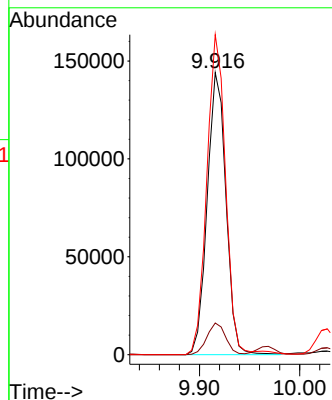
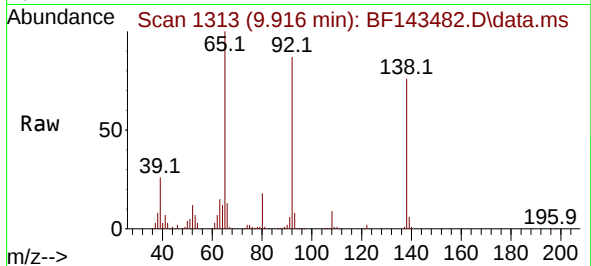




#53
3-Nitroaniline
Concen: 50.620 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

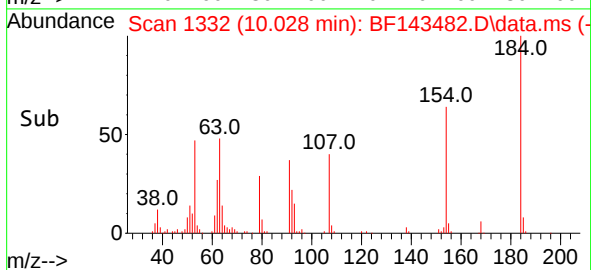
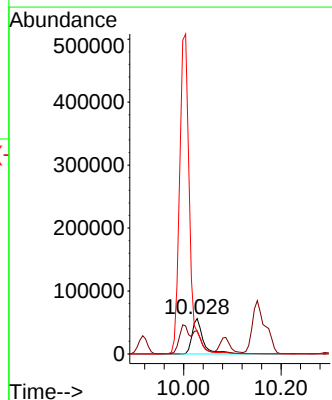
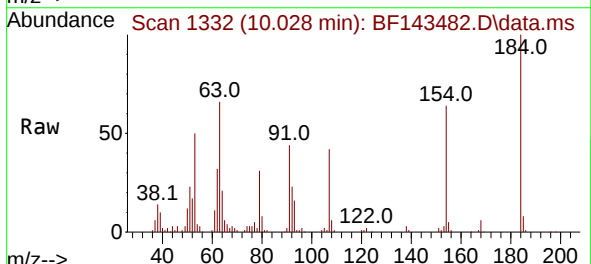
Instrument :
BNA_F
ClientSampleId :
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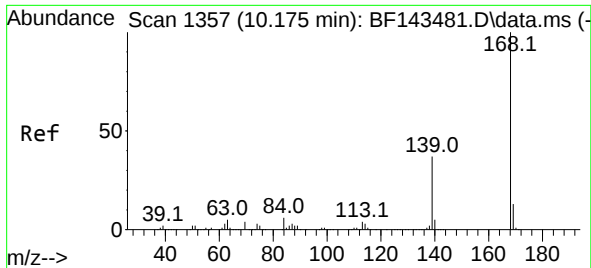
Tgt Ion:138 Resp: 187598
Ion Ratio Lower Upper
138 100
108 11.2 8.6 13.0
92 113.5 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 51.384 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:184 Resp: 90529
Ion Ratio Lower Upper
184 100
63 65.5 52.6 78.8
154 63.7 51.0 76.4

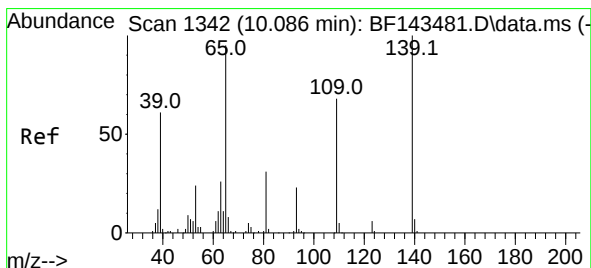
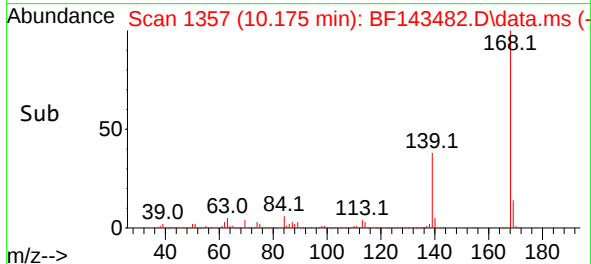
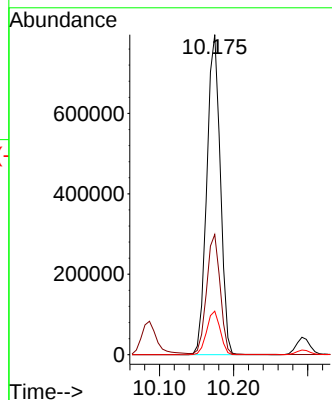
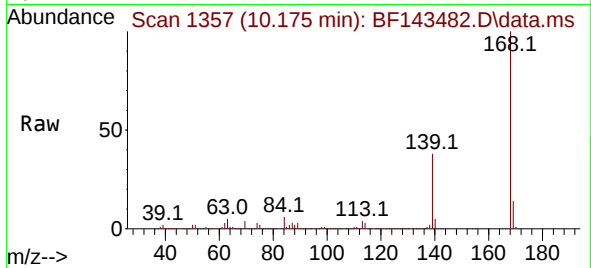




#55
Dibenzenofuran
Concen: 47.313 ng
RT: 10.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

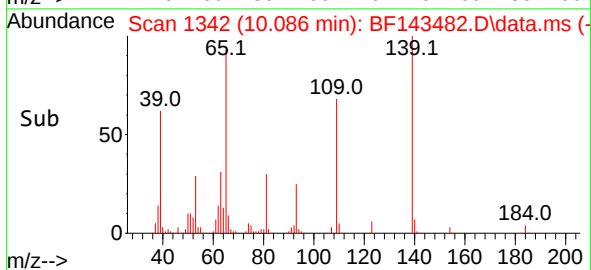
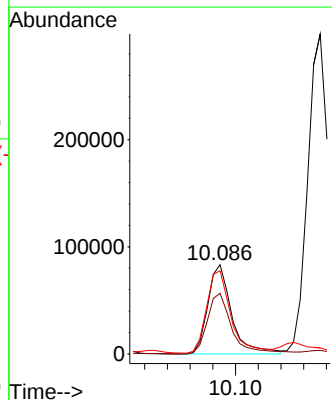
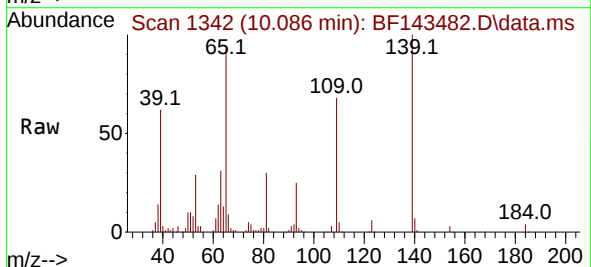
Instrument :
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ClientSampleId :
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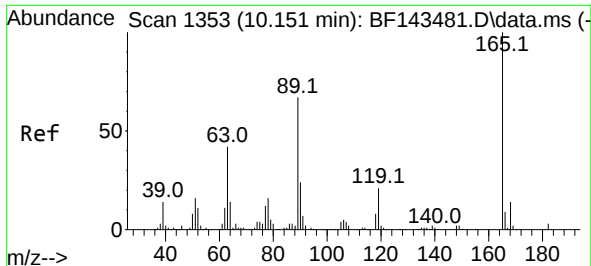
Tgt Ion:168 Resp: 1003468
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.6
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 54.991 ng
RT: 10.086 min Scan# 1342
Delta R.T. 0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:139 Resp: 121261
Ion Ratio Lower Upper
139 100
109 68.0 48.2 88.2
65 93.3 75.8 115.8

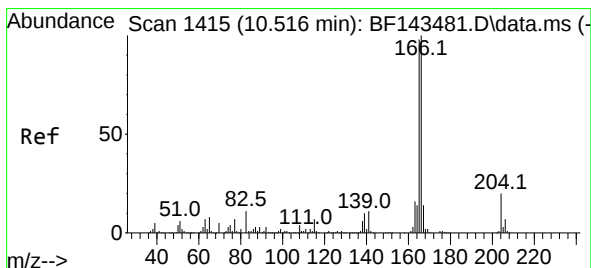
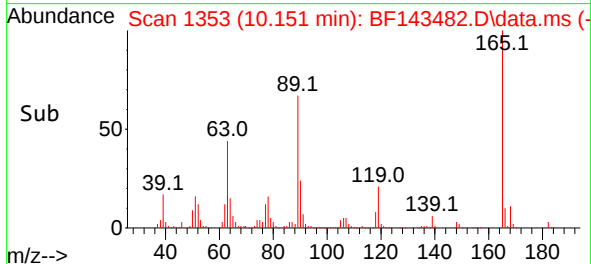
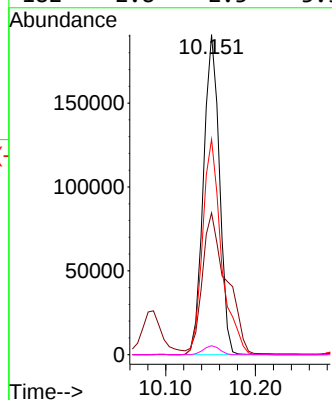
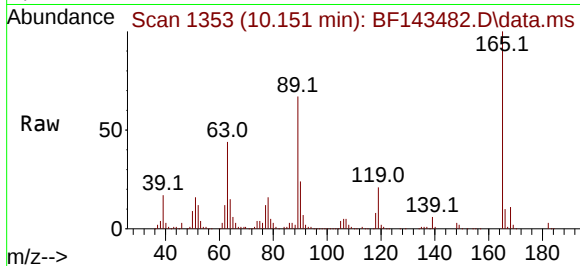




#57
2,4-Dinitrotoluene
Concen: 51.542 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

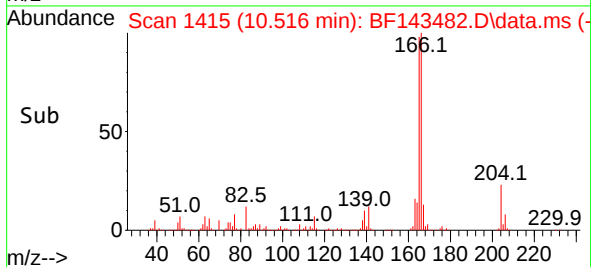
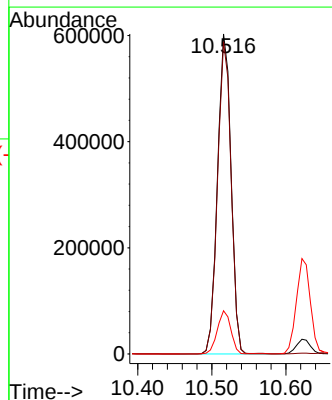
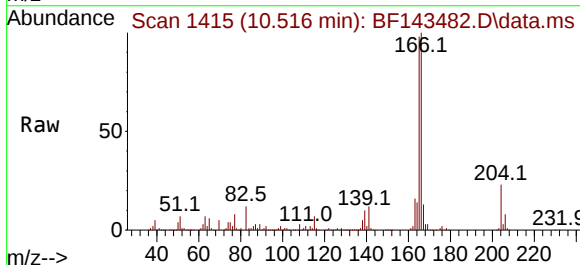
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BNA_F
ClientSampleId :
SSTDICC050

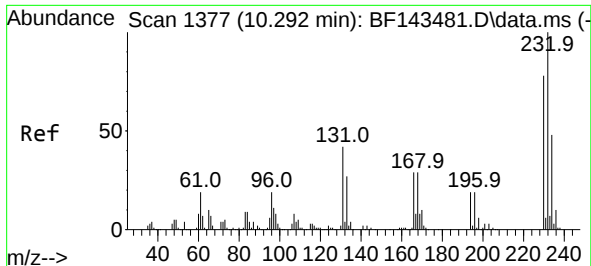
Tgt Ion:165 Resp: 236039
Ion Ratio Lower Upper
165 100
63 44.3 34.9 52.3
89 67.3 53.3 79.9
182 2.8 2.3 3.5



#58
Fluorene
Concen: 46.763 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:166 Resp: 763347
Ion Ratio Lower Upper
166 100
165 97.6 78.3 117.5
167 13.5 11.0 16.4

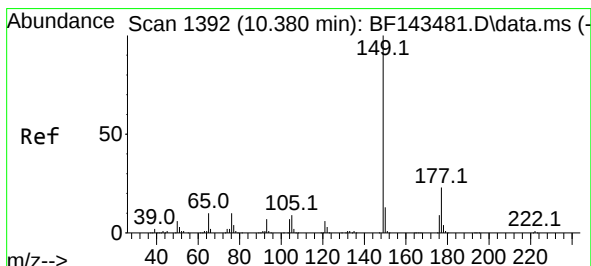
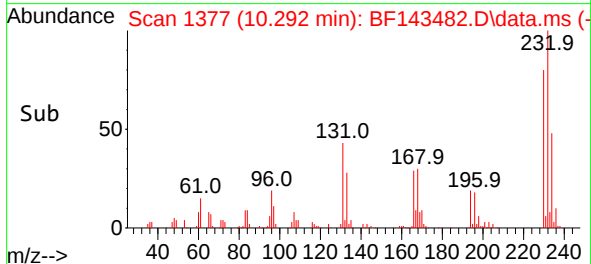
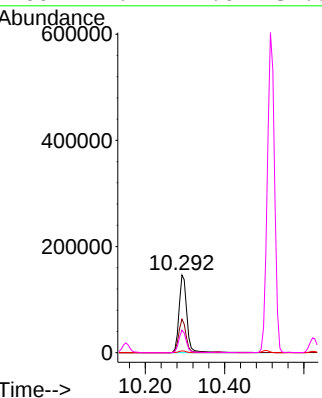
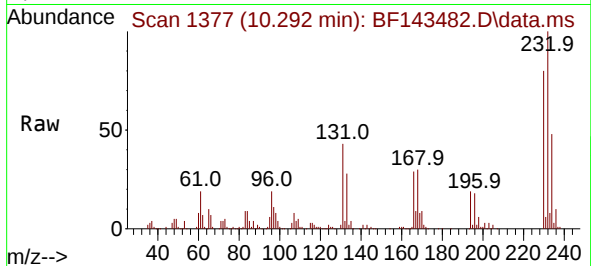




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.483 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

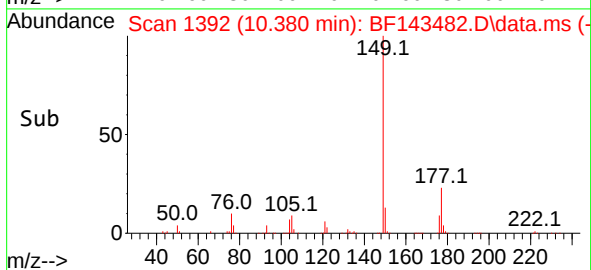
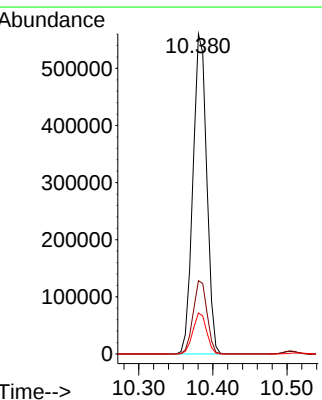
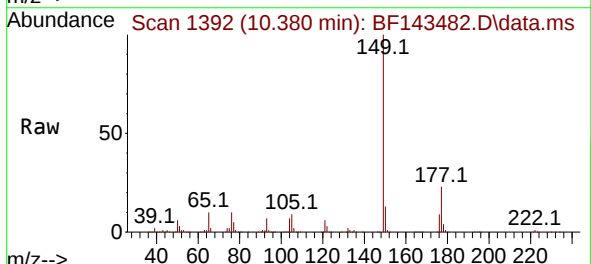
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ClientSampleId :
SSTDICC050

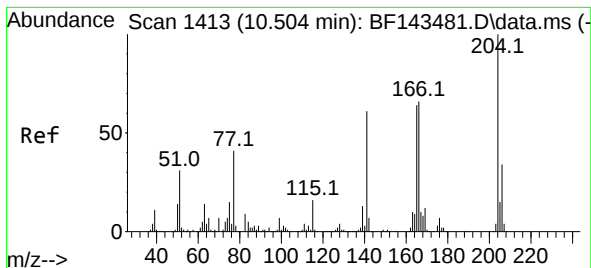
Tgt Ion:232 Resp: 202049
Ion Ratio Lower Upper
232 100
131 41.0 32.7 49.1
130 2.1 1.6 2.4
166 27.7 22.6 34.0



#60
Diethylphthalate
Concen: 48.756 ng
RT: 10.380 min Scan# 1392
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:149 Resp: 723386
Ion Ratio Lower Upper
149 100
177 22.9 18.3 27.5
150 12.8 10.3 15.5

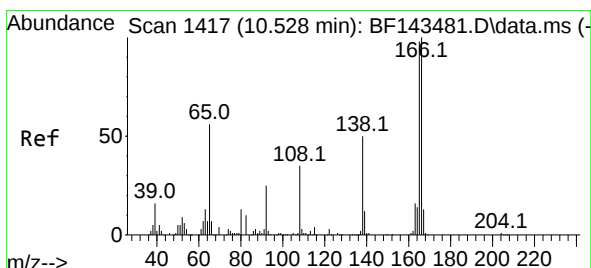
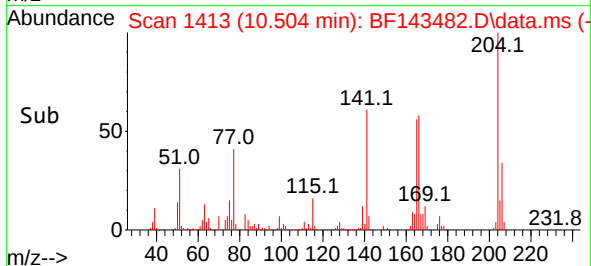
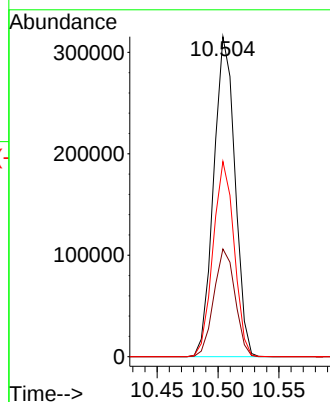
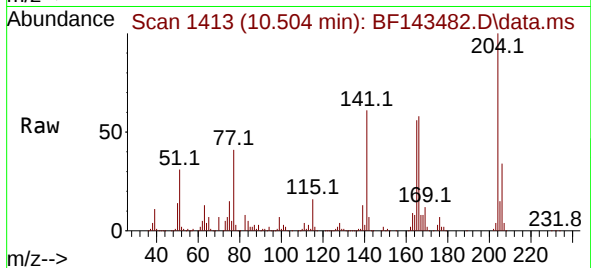




#61
4-Chlorophenyl-phenylether
Concen: 46.985 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

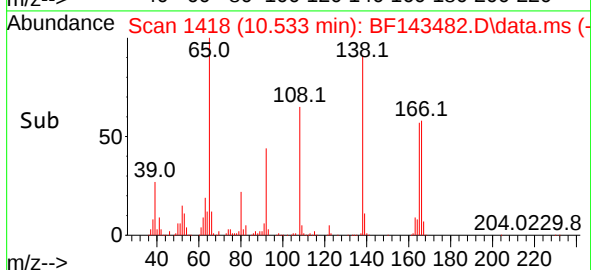
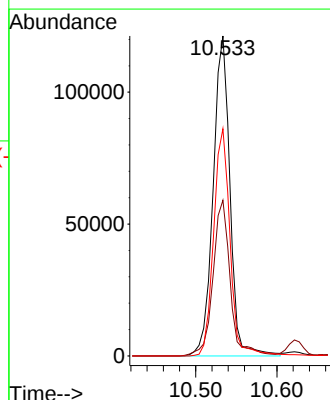
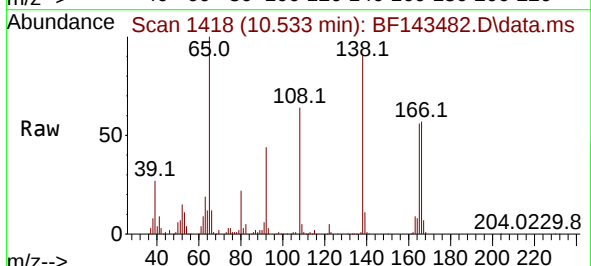
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

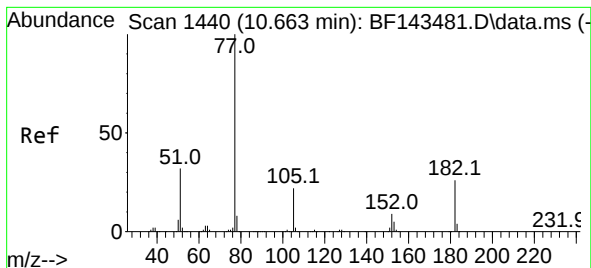
Tgt Ion:204 Resp: 383570
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 61.0 48.7 73.1



#62
4-Nitroaniline
Concen: 51.418 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:138 Resp: 175033
Ion Ratio Lower Upper
138 100
92 48.7 29.3 69.3
108 71.0 50.7 90.7

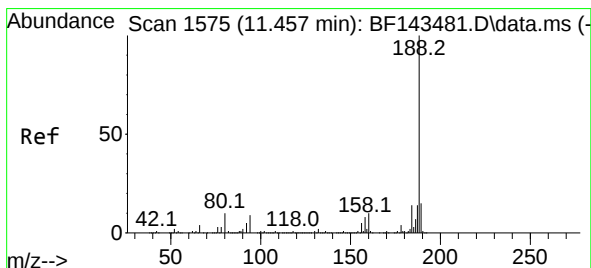
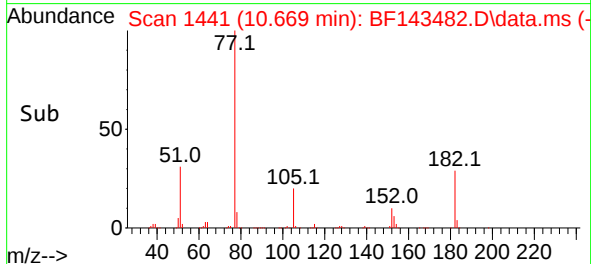
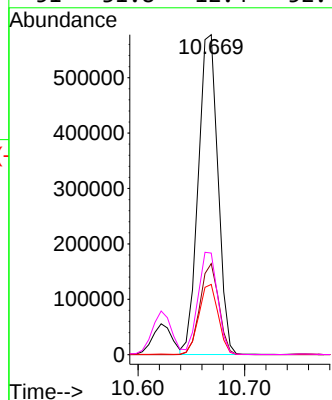
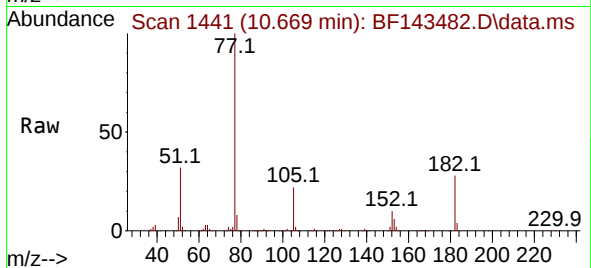




#63
Azobenzene
Concen: 48.247 ng
RT: 10.669 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

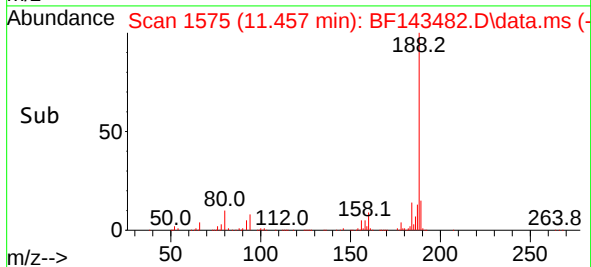
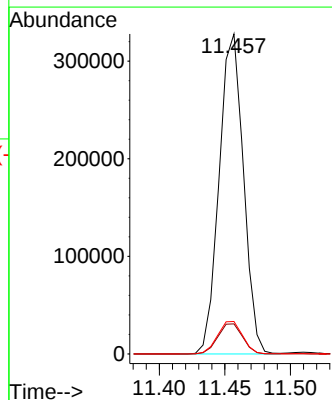
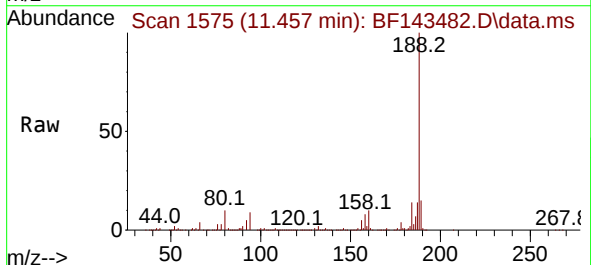
Instrument :
BNA_F
ClientSampleId :
SSTDIC050

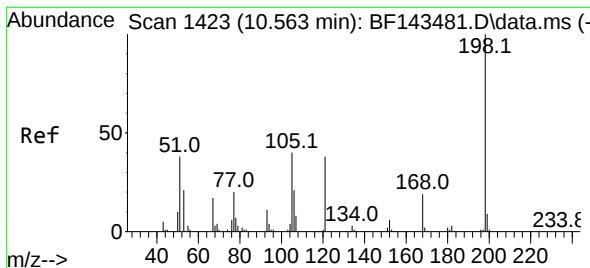
Tgt Ion: 77	Resp: 742238
Ion Ratio	Lower Upper
77 100	
182 28.4	6.2 46.2
105 21.9	2.2 42.2
51 31.8	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:188	Resp: 422398		
Ion Ratio	Lower	Upper	
188 100			
94 9.4	7.4	11.2	
80 10.1	8.2	12.4	

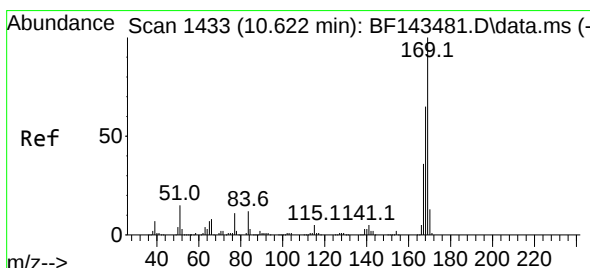
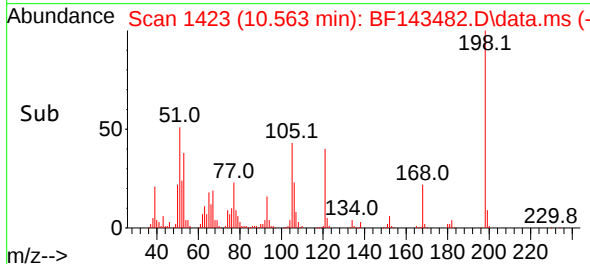
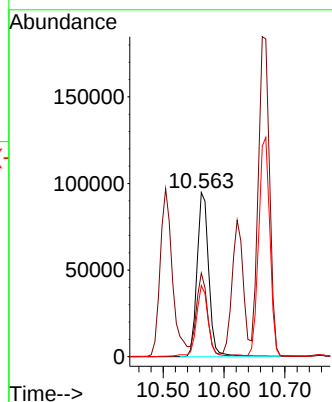
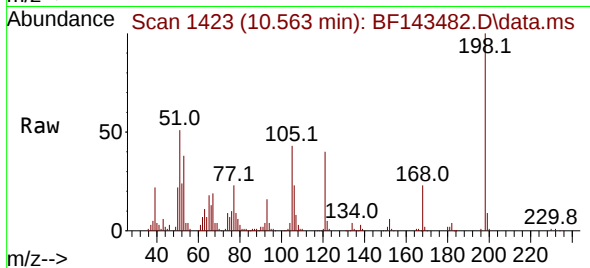




#65
4,6-Dinitro-2-methylphenol
Concen: 53.128 ng
RT: 10.563 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

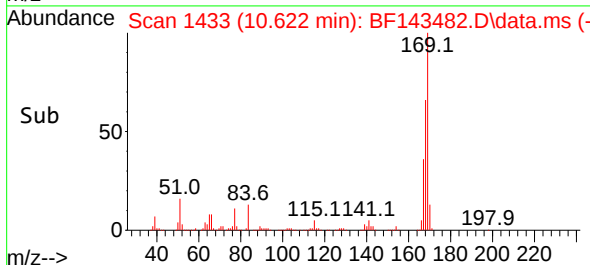
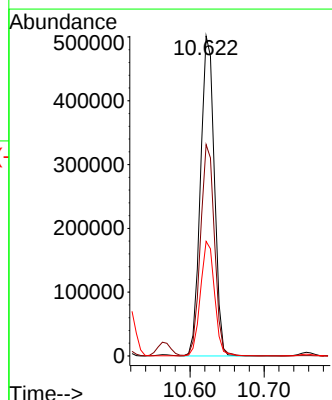
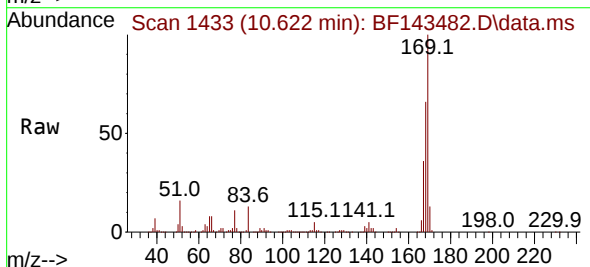
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

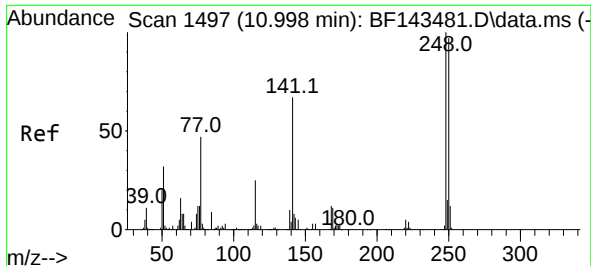
Tgt Ion:198 Resp: 126533
Ion Ratio Lower Upper
198 100
51 50.8 29.6 69.6
105 43.4 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 47.789 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:169 Resp: 649619
Ion Ratio Lower Upper
169 100
168 66.0 52.4 78.6
167 35.8 28.9 43.3

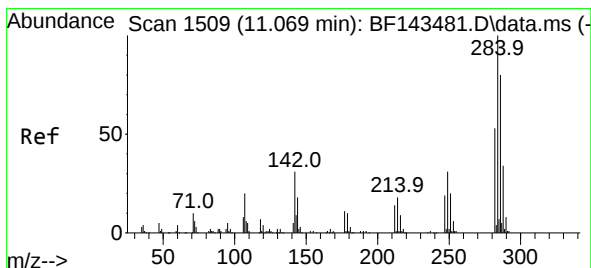
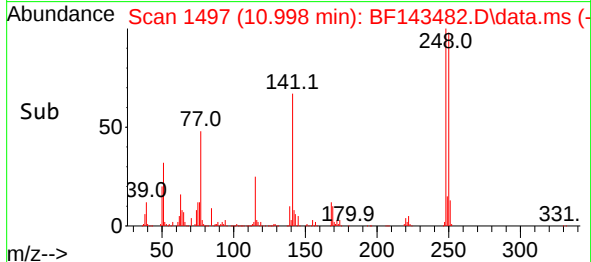
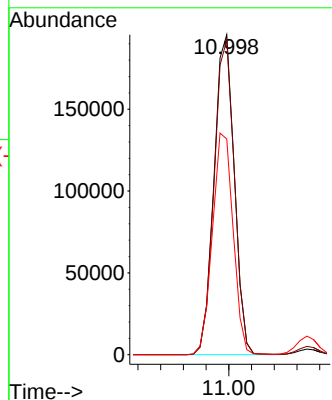
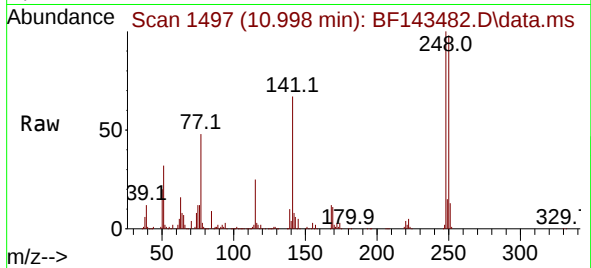




#67
4-Bromophenyl-phenylether
Concen: 48.112 ng
RT: 10.998 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

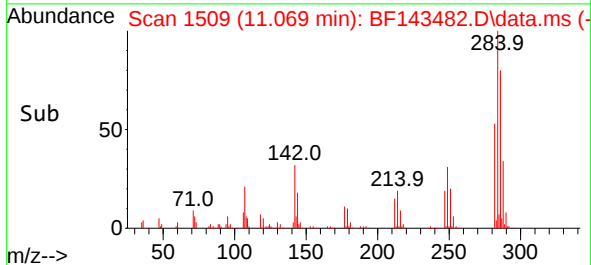
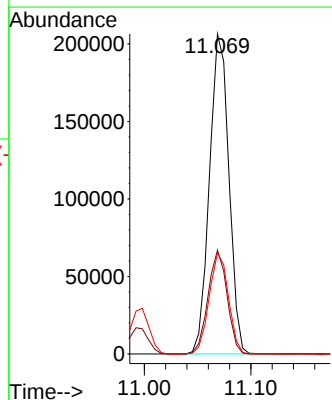
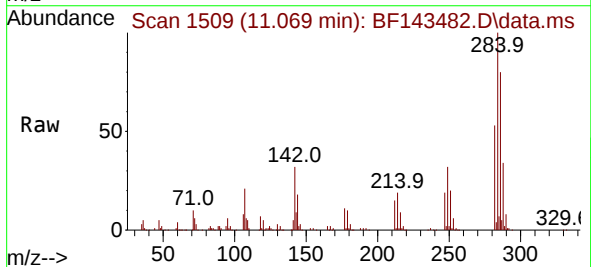
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

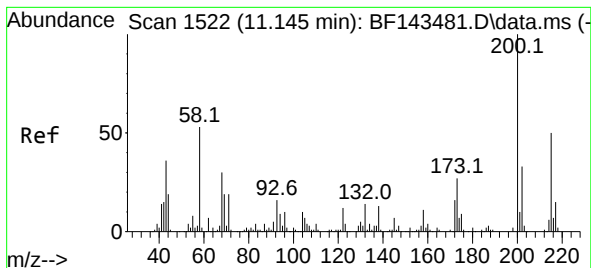
Tgt Ion:248 Resp: 242477
Ion Ratio Lower Upper
248 100
250 98.4 77.8 116.8
141 67.4 54.0 81.0



#68
Hexachlorobenzene
Concen: 48.206 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:284 Resp: 261883
Ion Ratio Lower Upper
284 100
142 32.4 24.4 36.6
249 31.6 25.0 37.6





#69

Atrazine

Concen: 51.394 ng

RT: 11.145 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDIC050

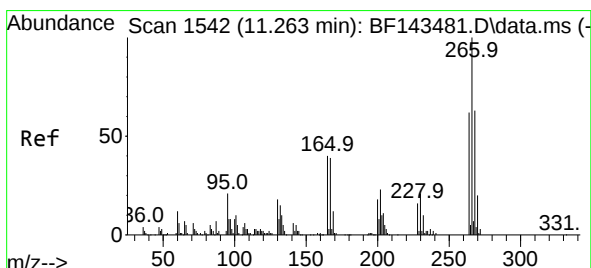
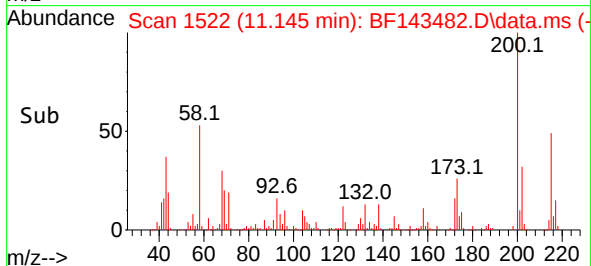
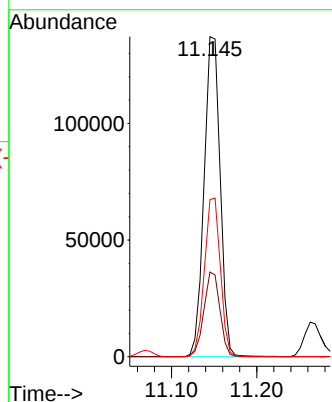
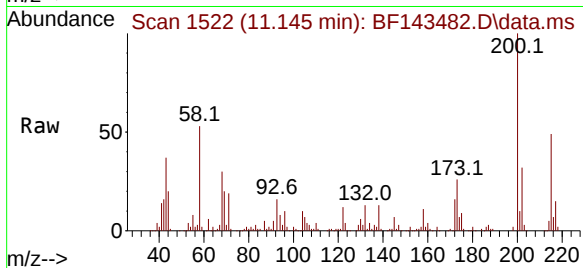
Tgt Ion:200 Resp: 180342

Ion Ratio Lower Upper

200 100

173 26.5 6.9 46.9

215 49.1 30.0 70.0



#70

Pentachlorophenol

Concen: 53.767 ng

RT: 11.263 min Scan# 1542

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

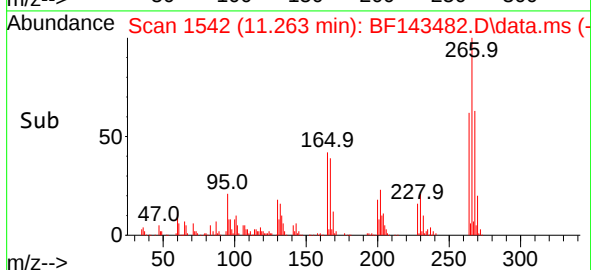
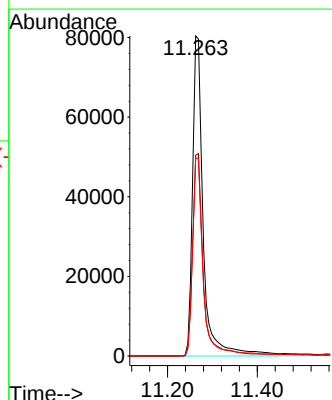
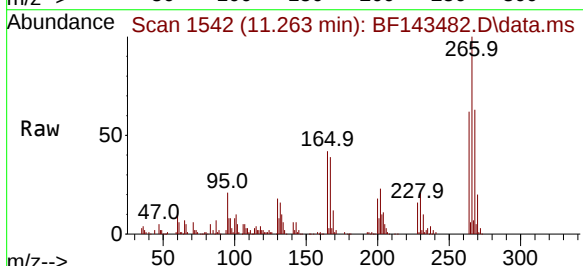
Tgt Ion:266 Resp: 133776

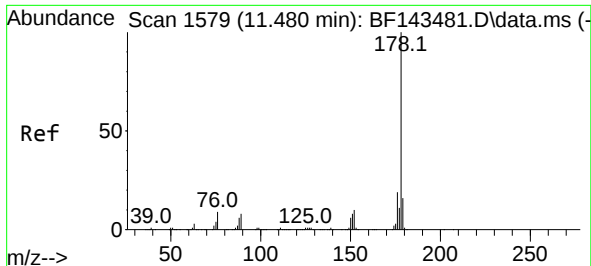
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 62.0 49.8 74.8

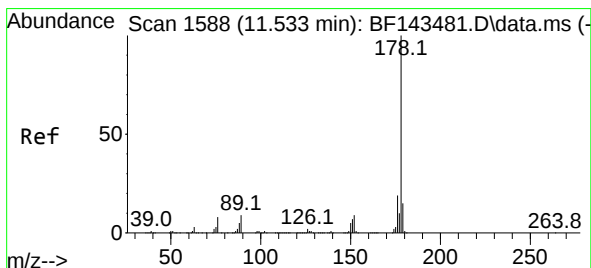
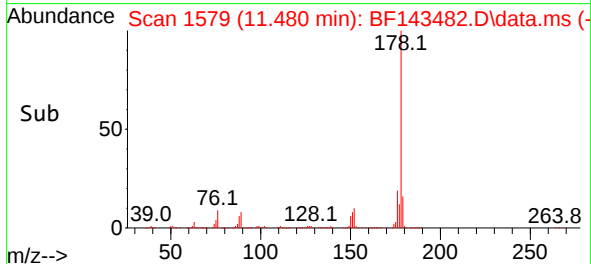
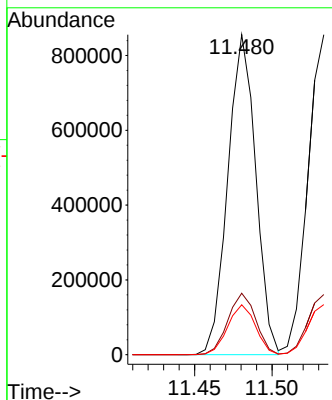
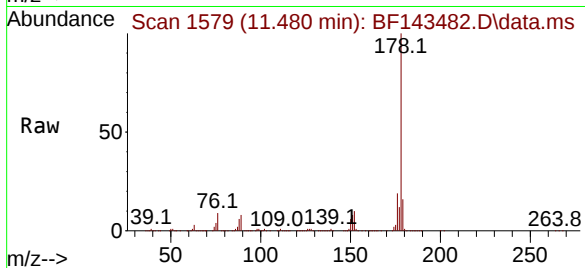




#71
Phenanthrene
Concen: 47.383 ng
RT: 11.480 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

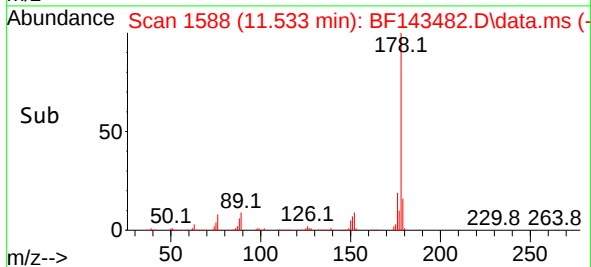
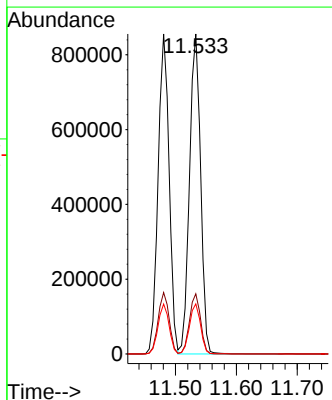
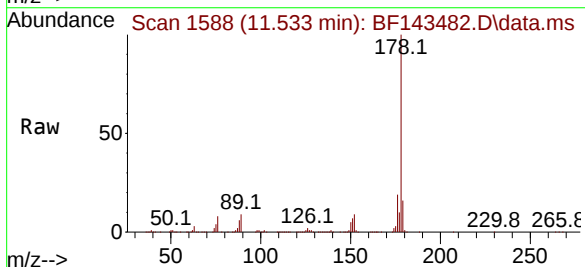
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

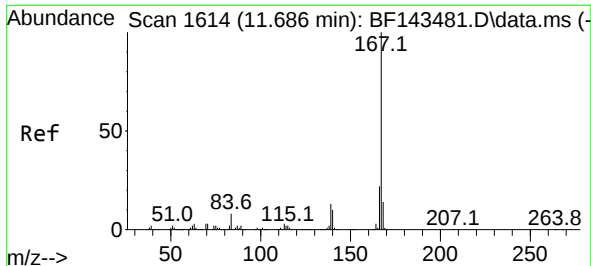
Tgt Ion:178 Resp: 1071808
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.6 12.5 18.7



#72
Anthracene
Concen: 47.117 ng
RT: 11.533 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:178 Resp: 1079686
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.7 12.3 18.5

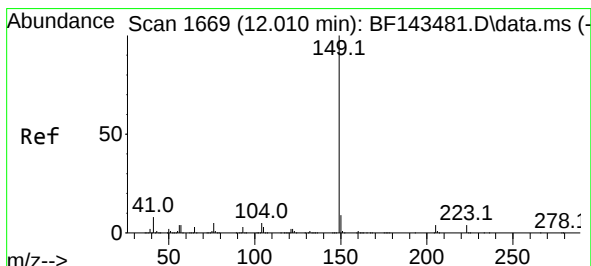
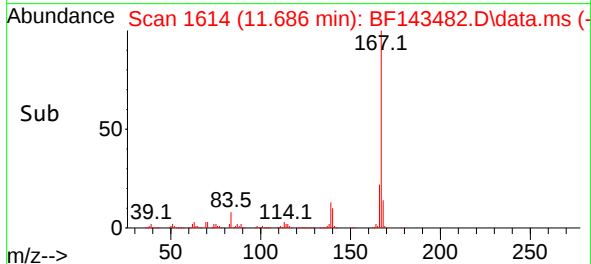
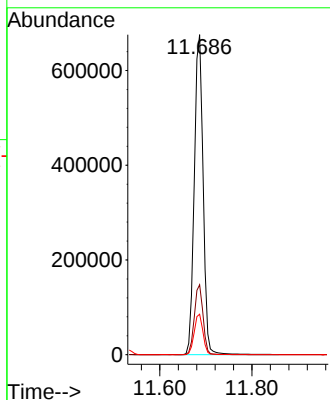
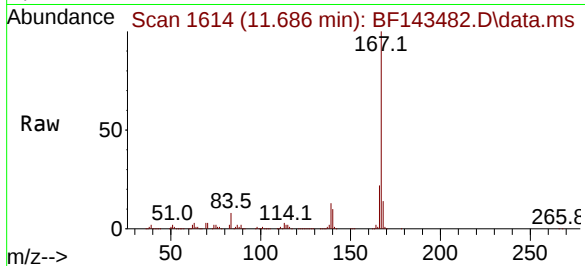




#73
 Carbazole
 Concen: 47.738 ng
 RT: 11.686 min Scan# 1614
 Delta R.T. -0.000 min
 Lab File: BF143482.D
 Acq: 20 Aug 2025 13:22

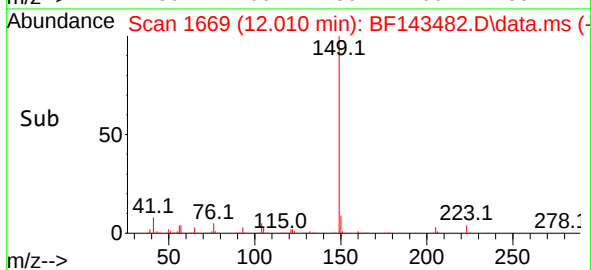
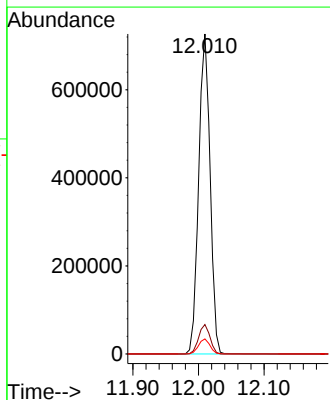
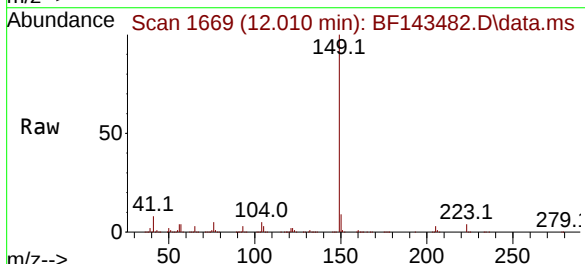
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

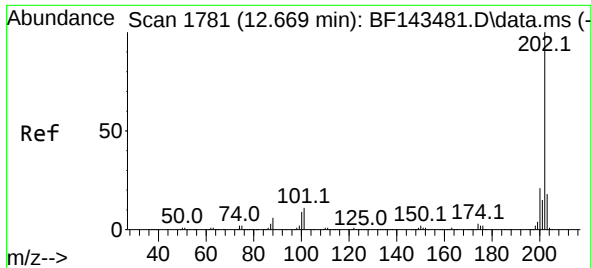
Tgt Ion:167 Resp: 896352
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.3 25.9
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 50.228 ng
 RT: 12.010 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF143482.D
 Acq: 20 Aug 2025 13:22

Tgt Ion:149 Resp: 879812
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 4.7 3.6 5.4



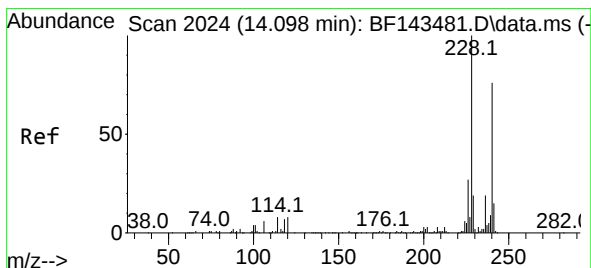
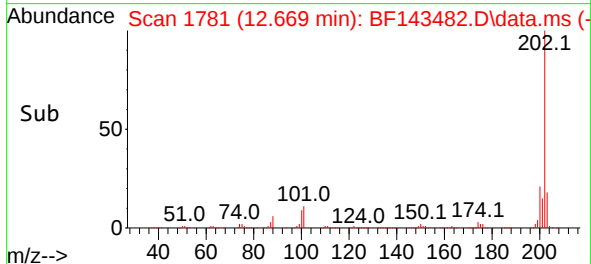
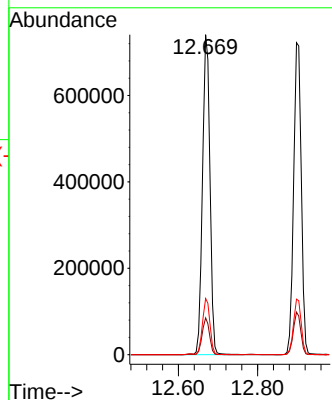
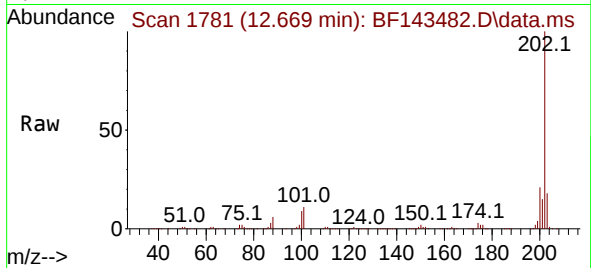


#75
Fluoranthene
Concen: 47.536 ng
RT: 12.669 min Scan# 1781
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Tgt Ion:202 Resp: 964831

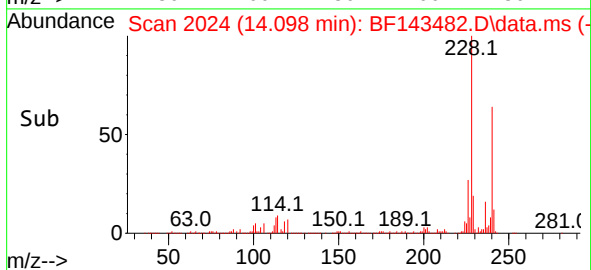
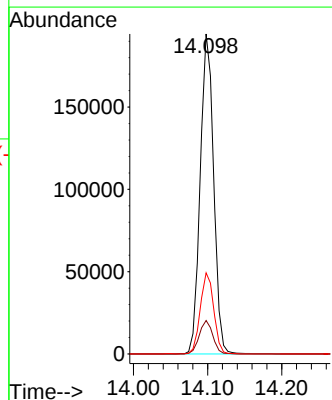
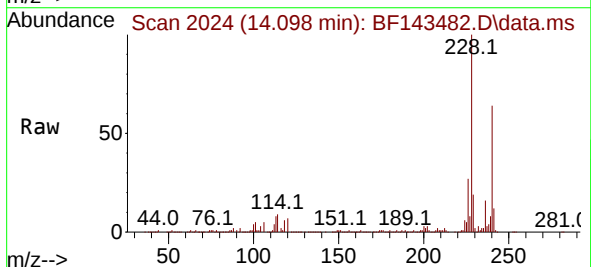
Ion	Ratio	Lower	Upper
202	100		
101	11.5	0.0	31.3
203	17.6	0.0	37.9

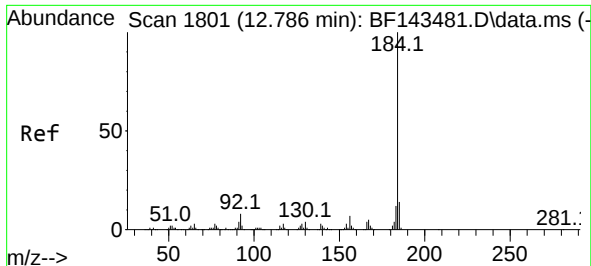


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:240 Resp: 244315

Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.3	20.4	30.6

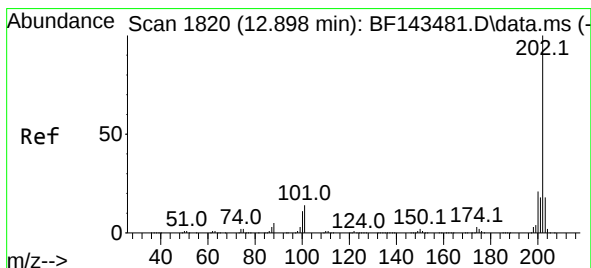
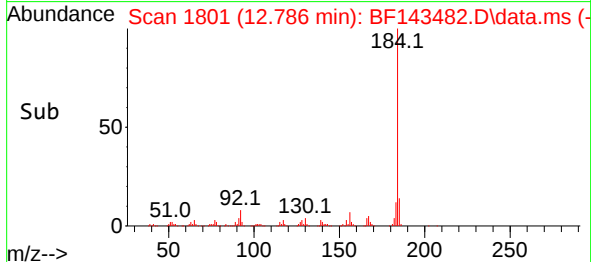
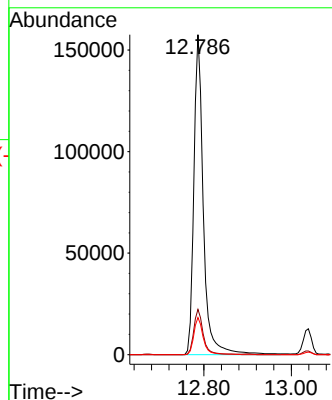
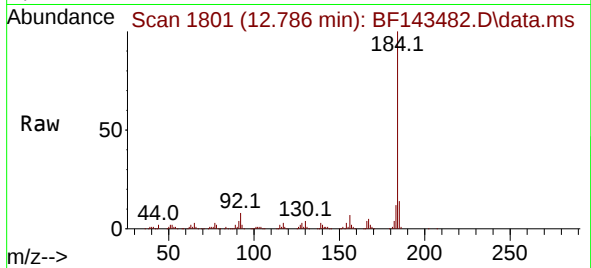




#77
Benzidine
Concen: 40.122 ng
RT: 12.786 min Scan# 1801
Delta R.T. 0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

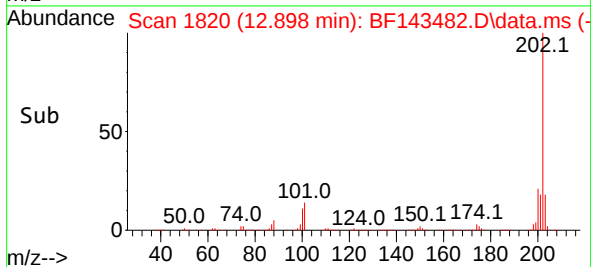
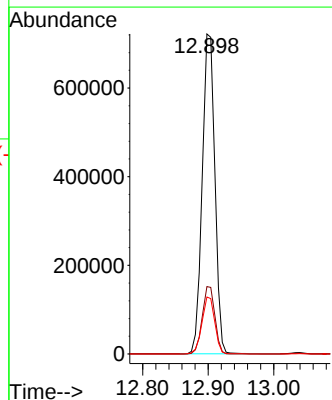
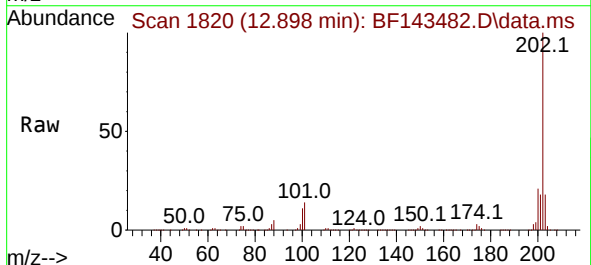
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

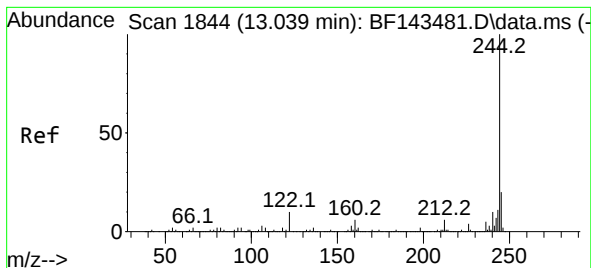
Tgt Ion:184 Resp: 238772
Ion Ratio Lower Upper
184 100
185 14.1 11.3 16.9
183 11.6 9.5 14.3



#78
Pyrene
Concen: 48.316 ng
RT: 12.898 min Scan# 1820
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:202 Resp: 970991
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 95.465 ng

RT: 13.039 min Scan# 1844

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

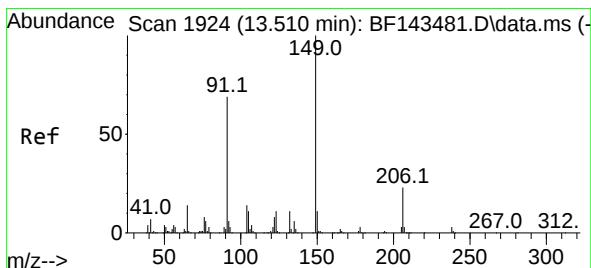
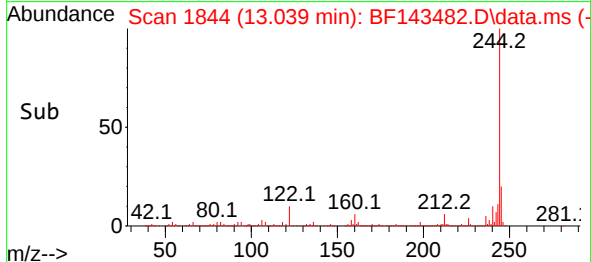
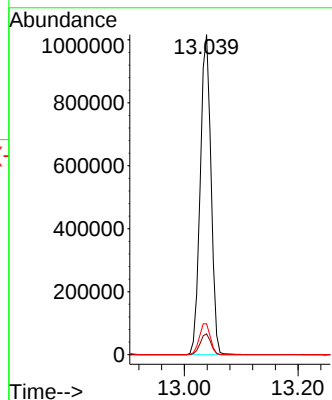
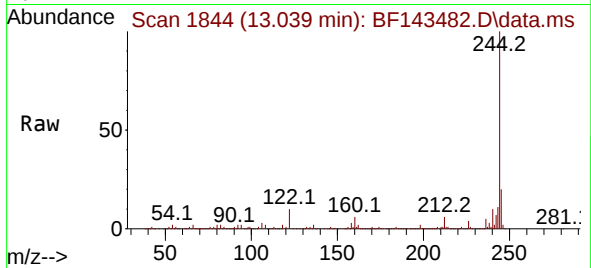
Tgt Ion:244 Resp: 1336561

Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

122 9.7 7.9 11.9



#80

Butylbenzylphthalate

Concen: 51.304 ng

RT: 13.510 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

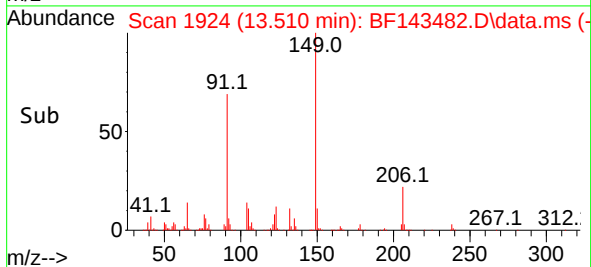
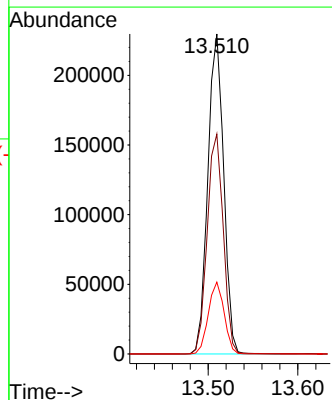
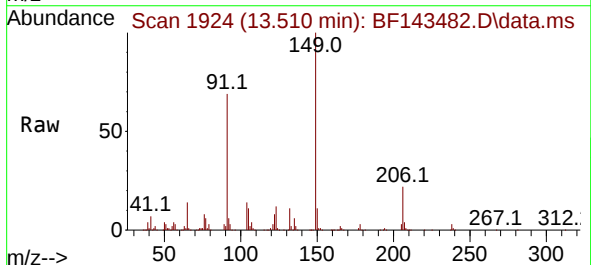
Tgt Ion:149 Resp: 281664

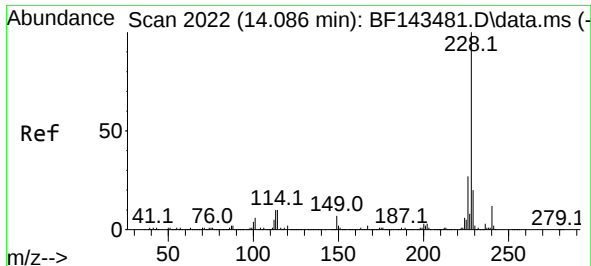
Ion Ratio Lower Upper

149 100

91 68.7 55.3 82.9

206 22.5 18.2 27.4

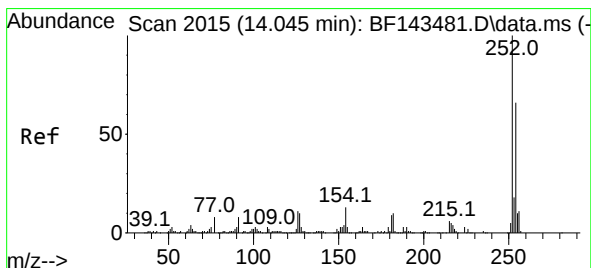
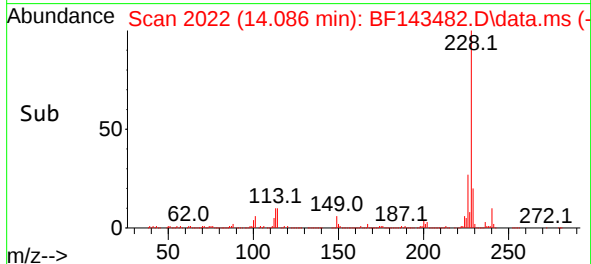
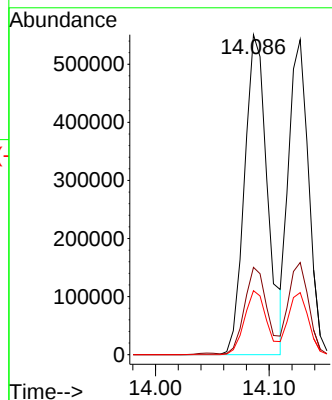
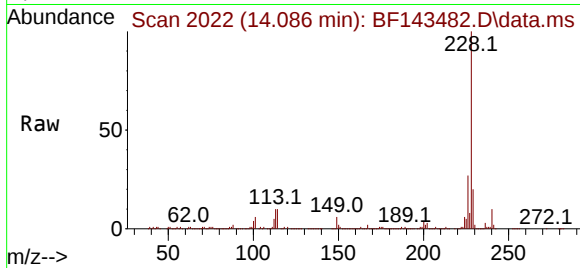




#81
Benzo(a)anthracene
Concen: 49.172 ng
RT: 14.086 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

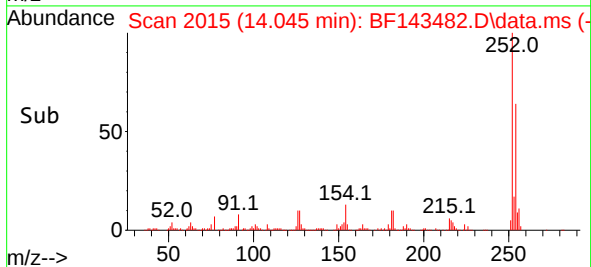
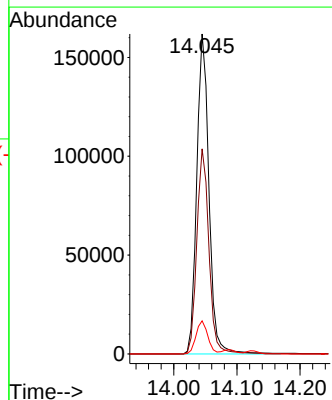
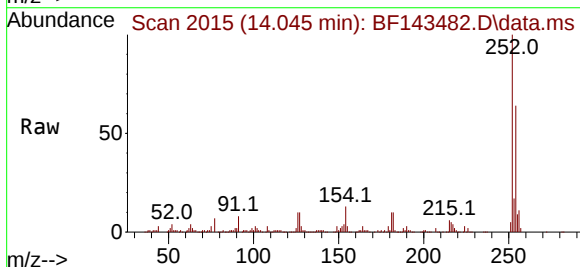
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

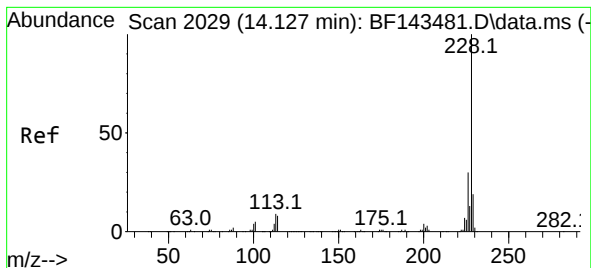
Tgt Ion:228 Resp: 773434
Ion Ratio Lower Upper
228 100
226 27.3 21.7 32.5
229 20.0 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 47.957 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:252 Resp: 216024
Ion Ratio Lower Upper
252 100
254 64.1 52.6 79.0
126 10.3 8.7 13.1





#83

Chrysene

Concen: 47.050 ng

RT: 14.127 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

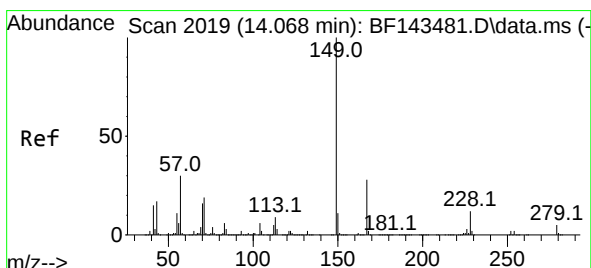
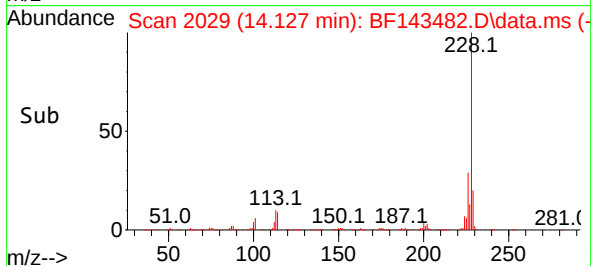
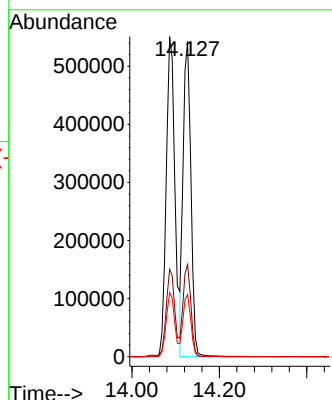
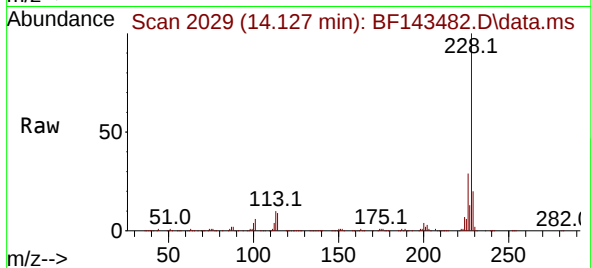
Tgt Ion:228 Resp: 665070

Ion Ratio Lower Upper

228 100

226 29.2 23.7 35.5

229 19.7 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.372 ng

RT: 14.068 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

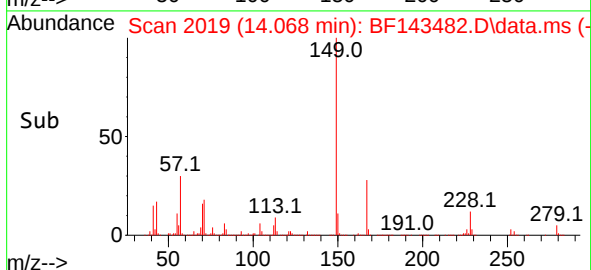
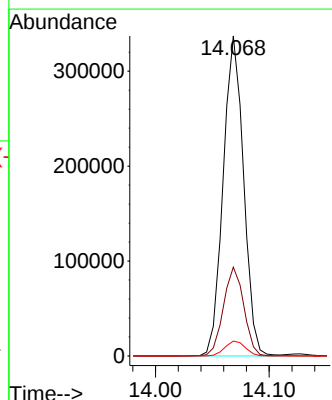
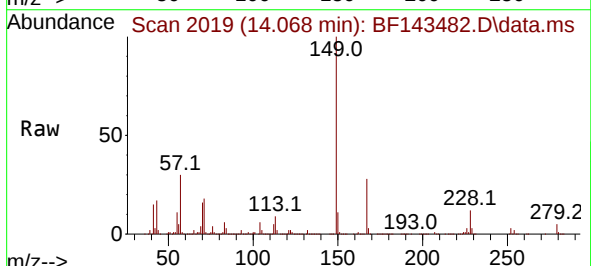
Tgt Ion:149 Resp: 421199

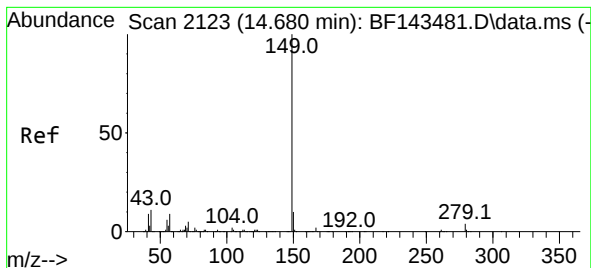
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.2

279 4.7 3.6 5.4

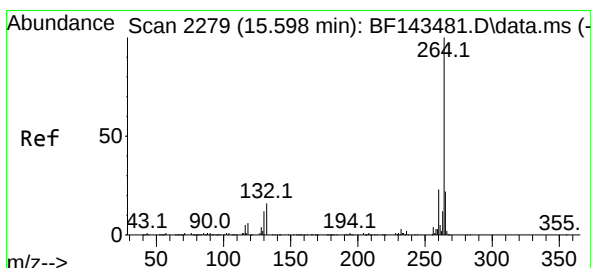
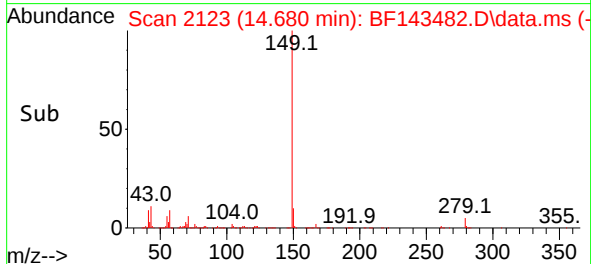
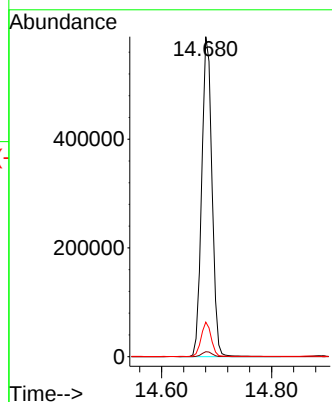
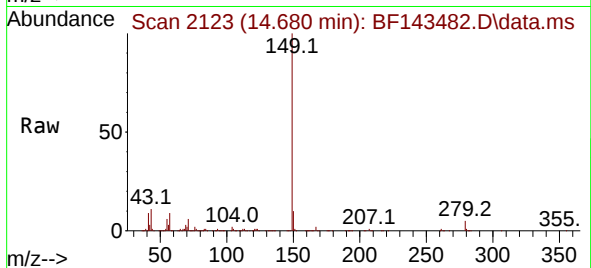




#85
Di-n-octyl phthalate
Concen: 49.329 ng
RT: 14.680 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

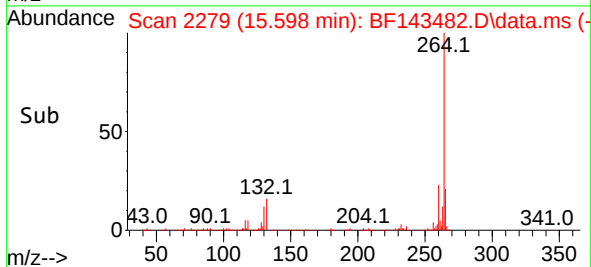
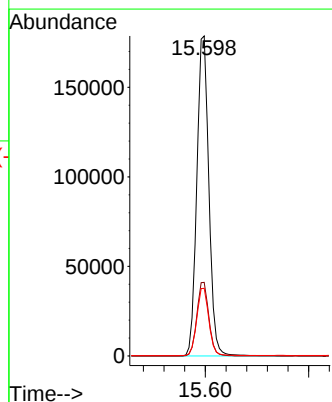
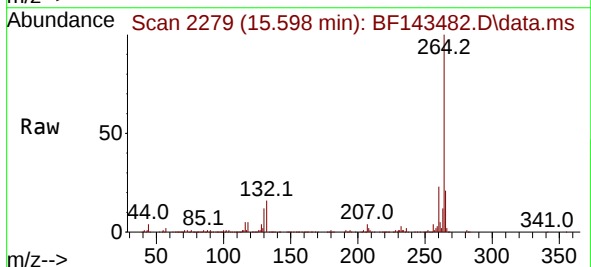
Instrument :
BNA_F
ClientSampleId :
SSTDICC050

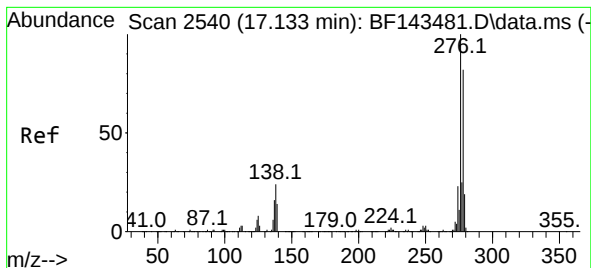
Tgt Ion:149 Resp: 764123
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 10.5 8.5 12.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.598 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF143482.D
Acq: 20 Aug 2025 13:22

Tgt Ion:264 Resp: 288719
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 21.1 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.646 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

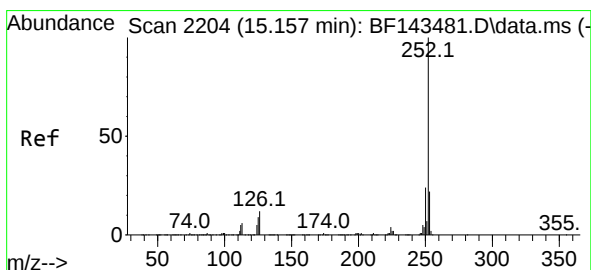
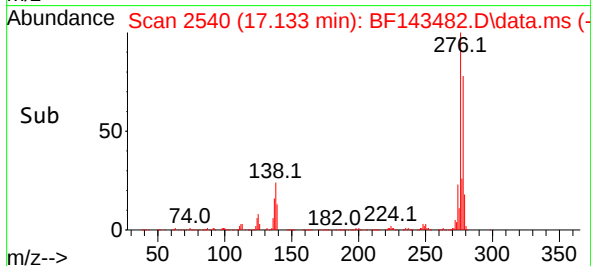
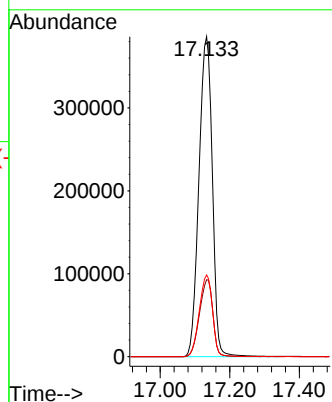
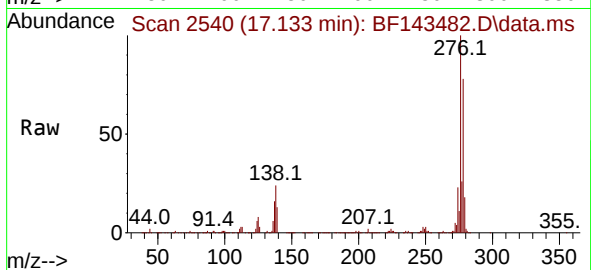
Tgt Ion:276 Resp: 1030025

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 47.579 ng

RT: 15.157 min Scan# 2204

Delta R.T. -0.000 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

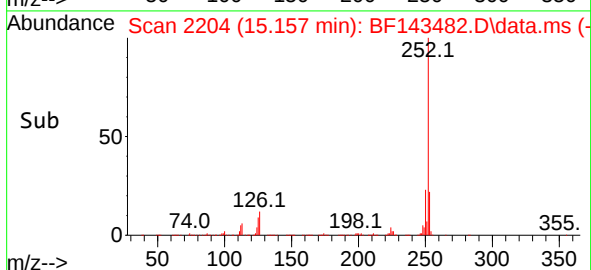
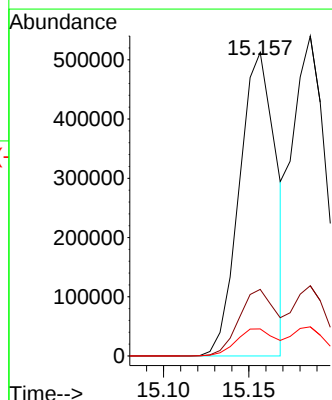
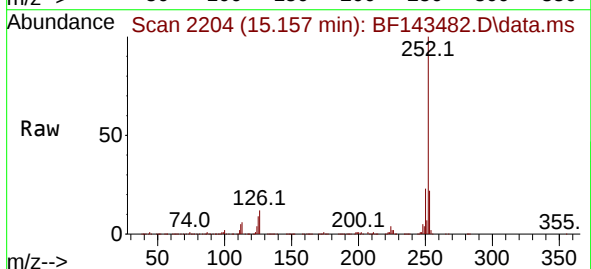
Tgt Ion:252 Resp: 763584

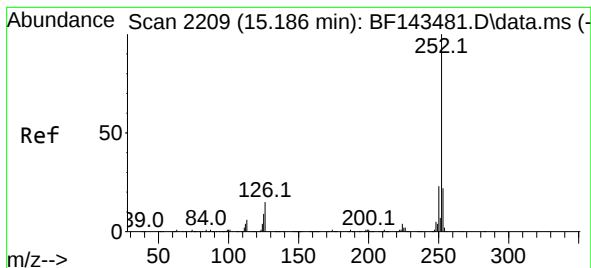
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.9 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 48.570 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

Instrument :

BNA_F

ClientSampleId :

SSTDICC050

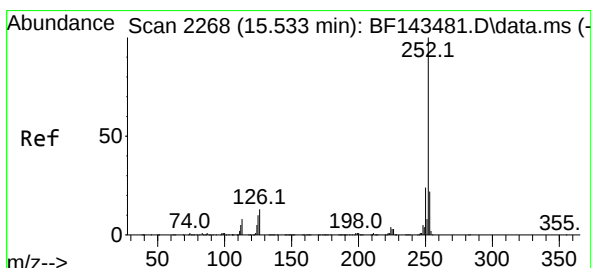
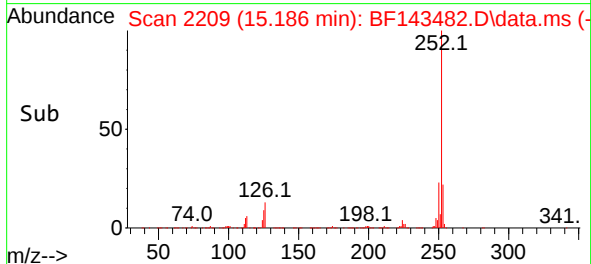
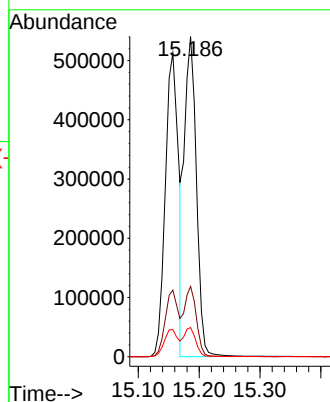
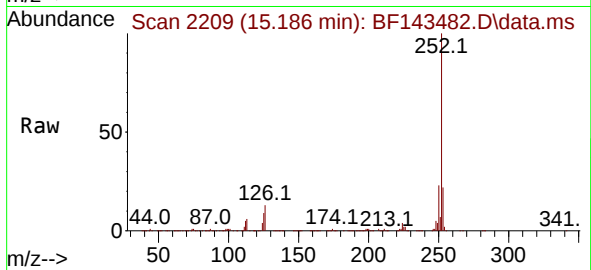
Tgt Ion:252 Resp: 746332

Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 9.1 7.4 11.0



#90

Benzo(a)pyrene

Concen: 48.927 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143482.D

Acq: 20 Aug 2025 13:22

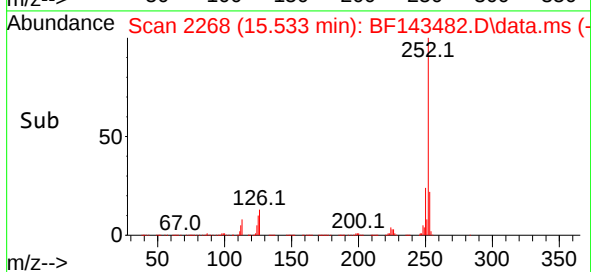
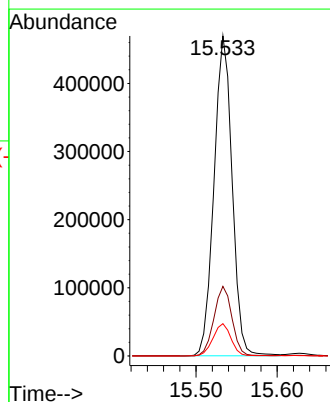
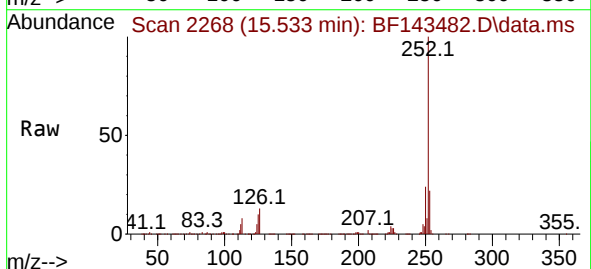
Tgt Ion:252 Resp: 728853

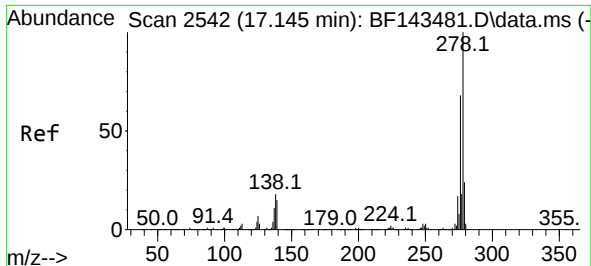
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.1 8.2 12.2

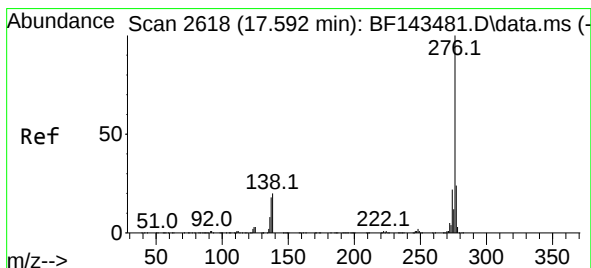
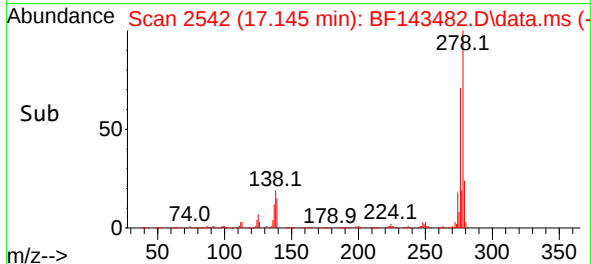
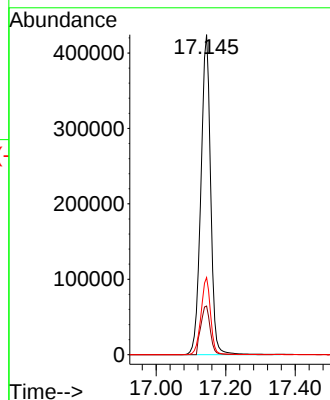
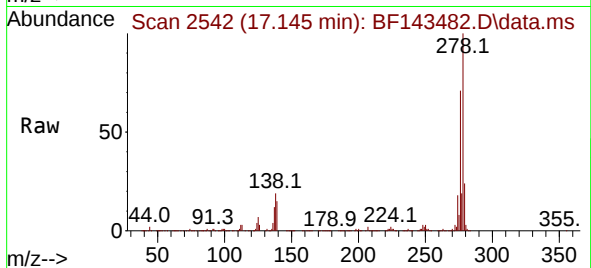




#91
 Dibenzo(a,h)anthracene
 Concen: 49.612 ng
 RT: 17.145 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF143482.D
 Acq: 20 Aug 2025 13:22

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC050

Tgt Ion:278 Resp: 824368
 Ion Ratio Lower Upper
 278 100
 139 15.2 12.1 18.1
 279 24.1 19.2 28.8



#92
 Benzo(g,h,i)perylene
 Concen: 50.042 ng
 RT: 17.592 min Scan# 2618
 Delta R.T. -0.012 min
 Lab File: BF143482.D
 Acq: 20 Aug 2025 13:22

Tgt Ion:276 Resp: 826803
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.9 28.3
 138 20.8 16.3 24.5

