

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082225\
 Data File : BF143565.D
 Acq On : 22 Aug 2025 11:27
 Operator : RC/JU
 Sample : PB169330BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB169330BS

Quant Time: Aug 22 11:54:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 21 06:12:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	101018	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	389858	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	220374	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	354024	20.000	ng	0.00
76) Chrysene-d12	14.098	240	211918	20.000	ng	0.00
86) Perylene-d12	15.598	264	208497	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	689265	119.144	ng	0.01
7) Phenol-d6	6.569	99	854234	119.616	ng	0.00
23) Nitrobenzene-d5	7.487	82	580361	86.870	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	271309	132.258	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1116747	83.749	ng	0.00
79) Terphenyl-d14	13.039	244	1137401	93.659	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.881	88	97360	36.329	ng	94
3) Pyridine	3.628	79	261741	36.669	ng	98
4) n-Nitrosodimethylamine	3.575	42	151034	47.069	ng	92
6) Aniline	6.593	93	301594	31.595	ng	# 89
8) 2-Chlorophenol	6.716	128	273177	42.752	ng	98
9) Benzaldehyde	6.475	77	142621	24.667	ng	98
10) Phenol	6.581	94	343798	41.789	ng	96
11) bis(2-Chloroethyl)ether	6.657	93	257497	41.884	ng	100
12) 1,3-Dichlorobenzene	6.869	146	309880	43.162	ng	99
13) 1,4-Dichlorobenzene	6.945	146	314330	43.646	ng	99
14) 1,2-Dichlorobenzene	7.098	146	301047	44.151	ng	99
15) Benzyl Alcohol	7.069	79	255095	47.710	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	404274	41.103	ng	94
17) 2-Methylphenol	7.181	107	226640	44.193	ng	98
18) Hexachloroethane	7.440	117	109593	44.758	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	201597	46.185	ng	99
20) 3+4-Methylphenols	7.334	107	275497	45.000	ng	95
22) Acetophenone	7.334	105	384279	45.625	ng	99
24) Nitrobenzene	7.504	77	306080	44.514	ng	97
25) Isophorone	7.745	82	553969	45.235	ng	100
26) 2-Nitrophenol	7.822	139	151400	44.950	ng	93
27) 2,4-Dimethylphenol	7.863	122	252916	48.169	ng	96
28) bis(2-Chloroethoxy)met...	7.951	93	325495	43.248	ng	100
29) 2,4-Dichlorophenol	8.069	162	241291	43.029	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	261097	45.287	ng	99
31) Naphthalene	8.234	128	789696	42.191	ng	100
32) Benzoic acid	7.992	122	122802	41.971	ng	94
33) 4-Chloroaniline	8.275	127	146125	21.996	ng	97
34) Hexachlorobutadiene	8.351	225	168525	44.803	ng	99
35) Caprolactam	8.687	113	28585	21.243	ng	99
36) 4-Chloro-3-methylphenol	8.769	107	259225	46.128	ng	96
37) 2-Methylnaphthalene	8.922	142	491239	39.296	ng	100
38) 1-Methylnaphthalene	9.022	142	506880	42.389	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	261384	41.466	ng	99
41) Hexachlorocyclopentadiene	9.081	237	264577	105.766	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	165973	42.791	ng	100

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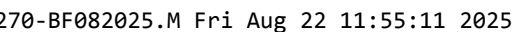
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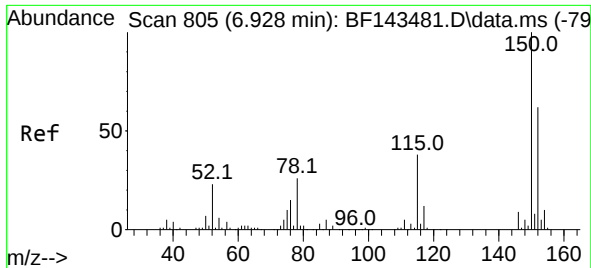
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	175994	41.539	ng	99
46) 1,1'-Biphenyl	9.386	154	669776	42.820	ng	98
47) 2-Chloronaphthalene	9.410	162	510566	41.601	ng	97
48) 2-Nitroaniline	9.504	65	164949	45.924	ng	97
49) Acenaphthylene	9.828	152	827727	47.102	ng	100
50) Dimethylphthalate	9.686	163	624314	47.038	ng	99
51) 2,6-Dinitrotoluene	9.745	165	134811	49.008	ng	94
52) Acenaphthene	9.998	154	544272	45.617	ng	99
53) 3-Nitroaniline	9.916	138	91552	30.801	ng	95
54) 2,4-Dinitrophenol	10.028	184	113338	77.240	ng	92
55) Dibenzofuran	10.175	168	734966	43.206	ng	97
56) 4-Nitrophenol	10.092	139	172666	97.629	ng	91
57) 2,4-Dinitrotoluene	10.151	165	180096	49.032	ng	91
58) Fluorene	10.516	166	579075	44.230	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	151199	48.035	ng	97
60) Diethylphthalate	10.386	149	589094	49.505	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	282715	43.178	ng	97
62) 4-Nitroaniline	10.533	138	134467	49.251	ng	90
63) Azobenzene	10.663	77	570913	46.270	ng	98
65) 4,6-Dinitro-2-methylph...	10.569	198	90164	45.169	ng	99
66) n-Nitrosodiphenylamine	10.622	169	497854	43.698	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	180581	42.751	ng	93
68) Hexachlorobenzene	11.069	284	200456	44.025	ng	100
69) Atrazine	11.151	200	164883	56.064	ng	98
70) Pentachlorophenol	11.269	266	192156	92.148	ng	99
71) Phenanthrene	11.480	178	823531	43.439	ng	100
72) Anthracene	11.533	178	852816	44.404	ng	100
73) Carbazole	11.686	167	728699	46.304	ng	99
74) Di-n-butylphthalate	12.010	149	852762	58.086	ng	99
75) Fluoranthene	12.669	202	803075	47.208	ng	99
77) Benzidine	12.786	184	258033	49.987	ng	98
78) Pyrene	12.898	202	791447	45.402	ng	100
80) Butylbenzylphthalate	13.510	149	264231	55.486	ng	99
81) Benzo(a)anthracene	14.086	228	626650	45.930	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	112759	28.859	ng	96
83) Chrysene	14.127	228	538557	43.925	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	311892	43.002	ng	100
85) Di-n-octyl phthalate	14.680	149	529652	39.419	ng	99
87) Indeno(1,2,3-cd)pyrene	17.133	276	673168	44.930	ng	99
88) Benzo(b)fluoranthene	15.157	252	528666	45.616	ng	99
89) Benzo(k)fluoranthene	15.186	252	523881	47.211	ng	99
90) Benzo(a)pyrene	15.533	252	512150	47.608	ng	99
91) Dibenzo(a,h)anthracene	17.145	278	545393	45.452	ng	100
92) Benzo(g,h,i)perylene	17.598	276	550013	46.097	ng	98

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

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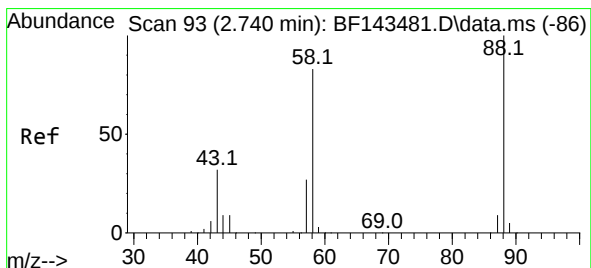
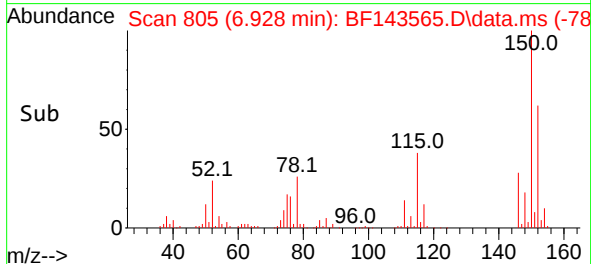
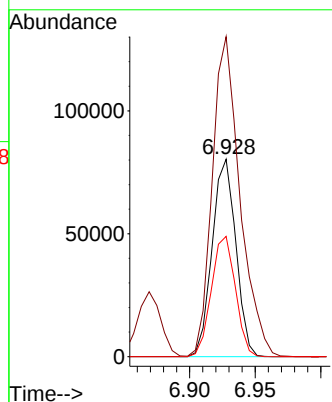
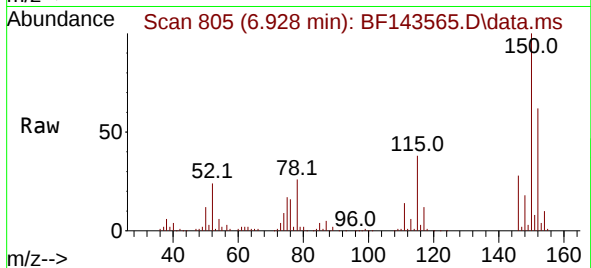




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF143565.D
 Acq: 22 Aug 2025 11:27

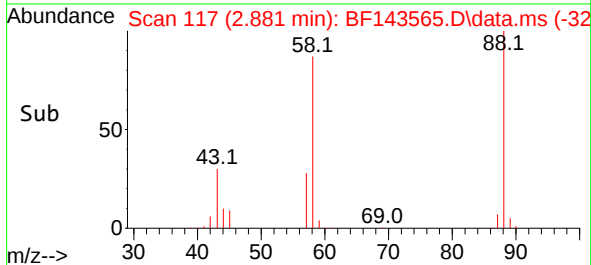
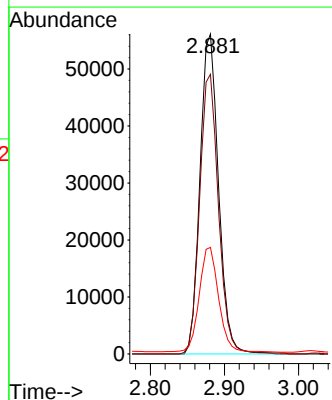
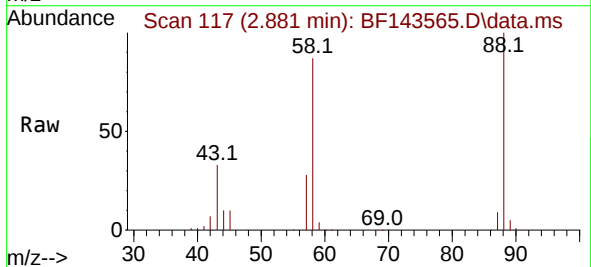
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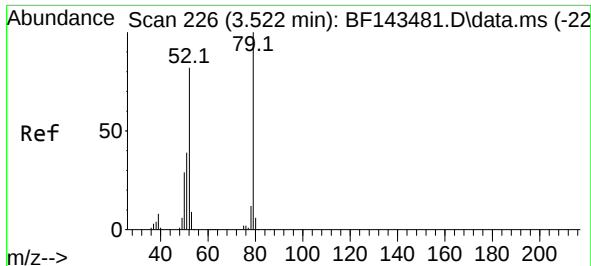
Tgt Ion:152 Resp: 101018
 Ion Ratio Lower Upper
 152 100
 150 162.1 128.9 193.3
 115 61.0 49.2 73.8



#2
 1,4-Dioxane
 Concen: 36.329 ng
 RT: 2.881 min Scan# 117
 Delta R.T. 0.147 min
 Lab File: BF143565.D
 Acq: 22 Aug 2025 11:27

Tgt Ion: 88 Resp: 97360
 Ion Ratio Lower Upper
 88 100
 58 89.2 66.7 100.1
 43 34.5 25.8 38.8





#3

Pyridine

Concen: 36.669 ng

RT: 3.628 min Scan# 244

Delta R.T. 0.112 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

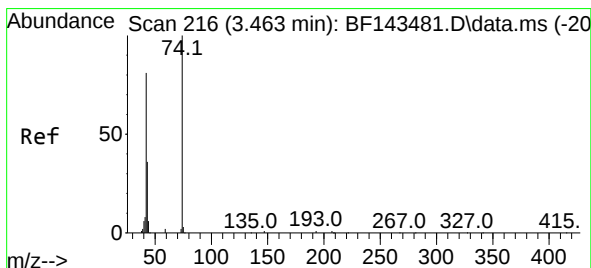
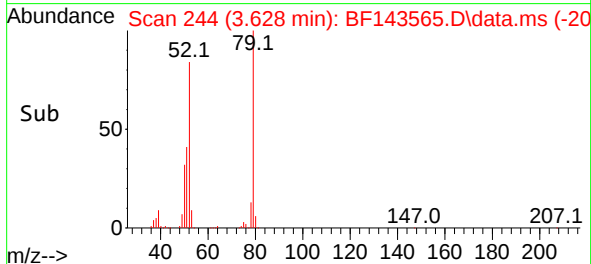
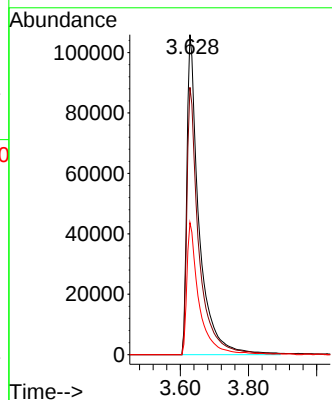
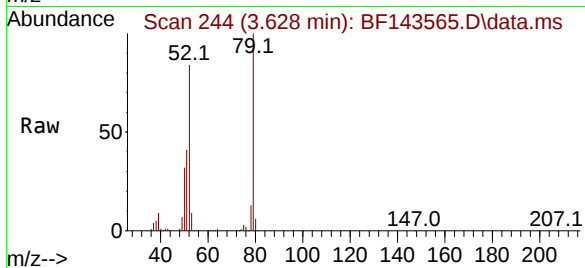
Tgt Ion: 79 Resp: 261741

Ion Ratio Lower Upper

79 100

52 83.5 65.6 98.4

51 41.3 31.2 46.8



#4

n-Nitrosodimethylamine

Concen: 47.069 ng

RT: 3.575 min Scan# 235

Delta R.T. 0.100 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

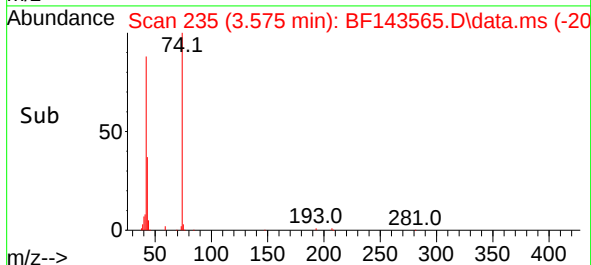
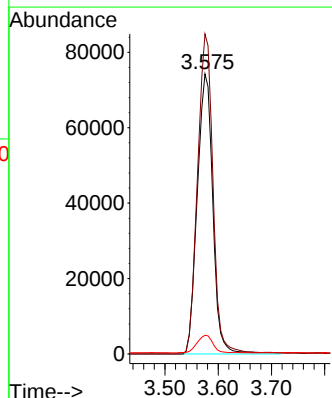
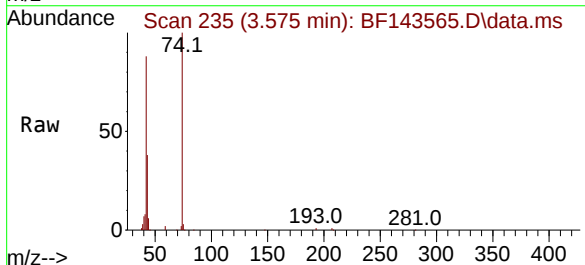
Tgt Ion: 42 Resp: 151034

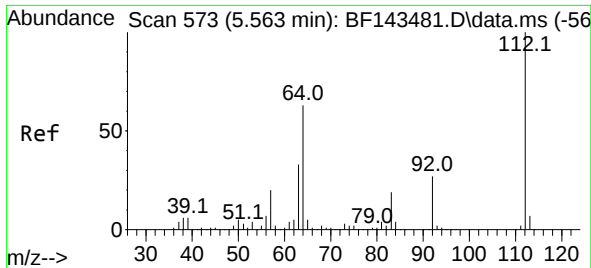
Ion Ratio Lower Upper

42 100

74 114.3 98.6 148.0

44 6.7 5.8 8.8

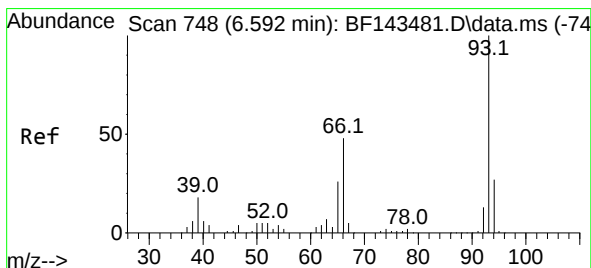
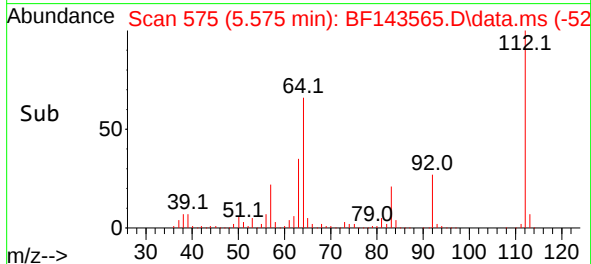
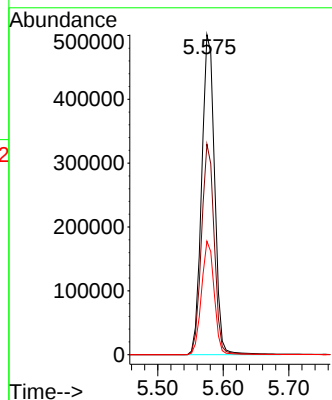
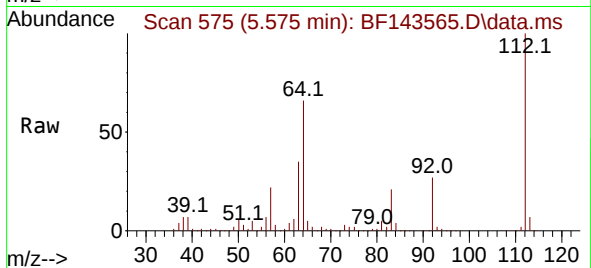




#5
2-Fluorophenol
Concen: 119.144 ng
RT: 5.575 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

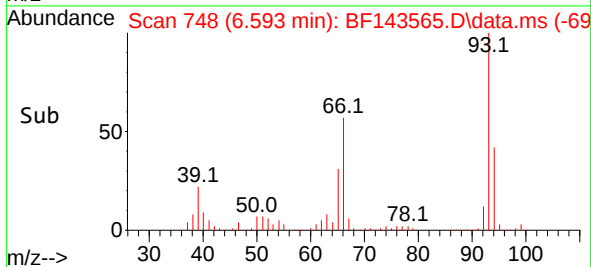
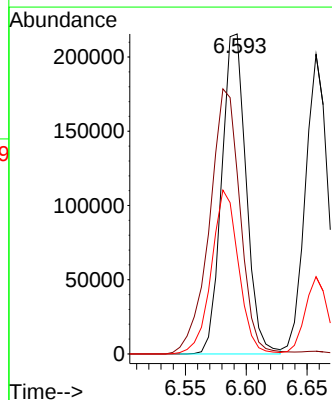
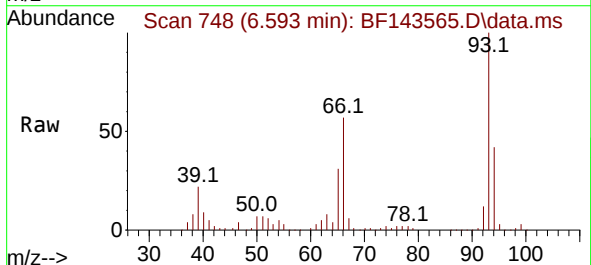
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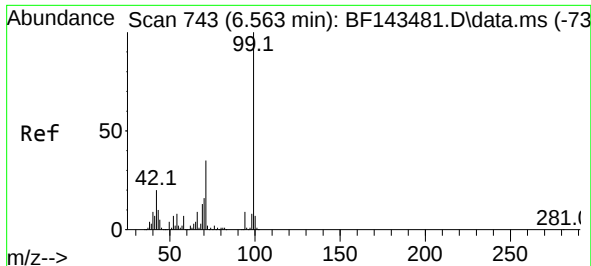
Tgt Ion:112 Resp: 689265
Ion Ratio Lower Upper
112 100
64 65.8 50.4 75.6
63 35.5 26.4 39.6



#6
Aniline
Concen: 31.595 ng
RT: 6.593 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 93 Resp: 301594
Ion Ratio Lower Upper
93 100
66 56.6 38.9 58.3
65 30.9 20.6 30.8

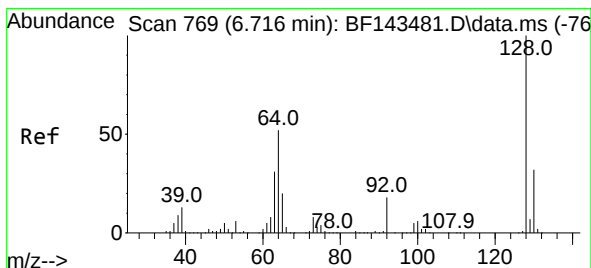
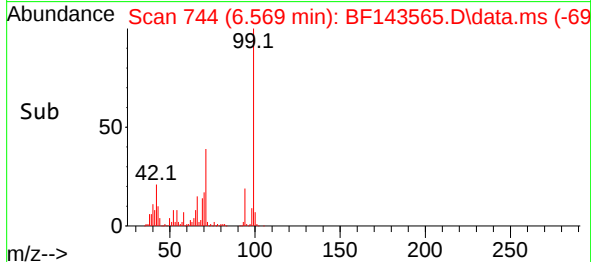
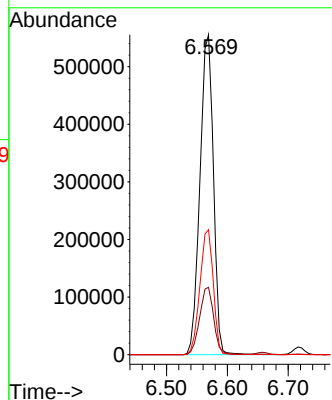
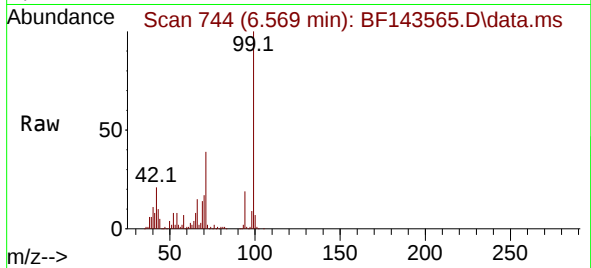




#7
Phenol-d6
Concen: 119.616 ng
RT: 6.569 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

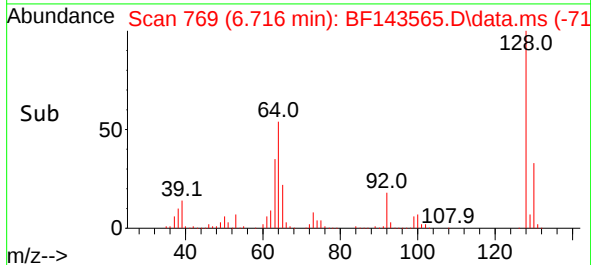
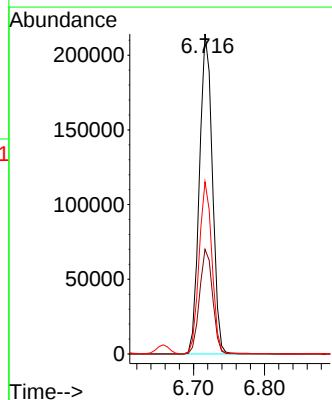
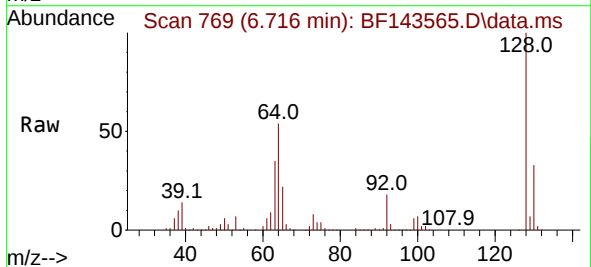
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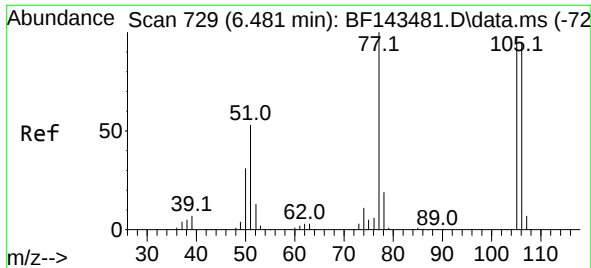
Tgt Ion: 99 Resp: 854234
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 39.0 28.2 42.2



#8
2-Chlorophenol
Concen: 42.752 ng
RT: 6.716 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 128 Resp: 273177
Ion Ratio Lower Upper
128 100
130 32.7 12.4 52.4
64 53.8 31.6 71.6

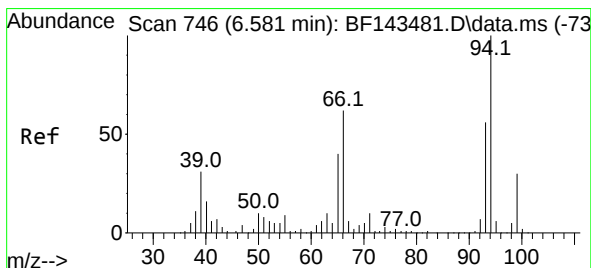
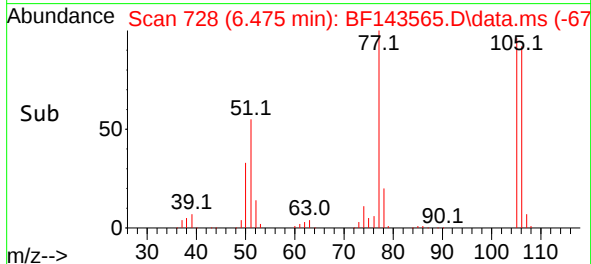
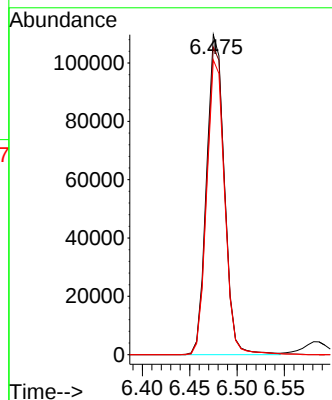
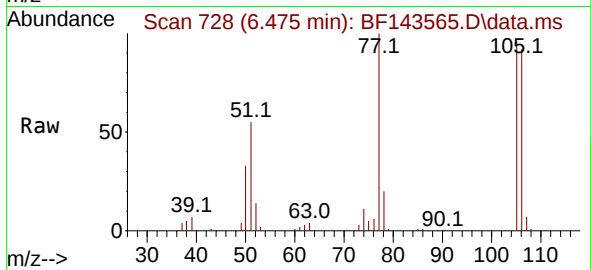




#9
Benzaldehyde
Concen: 24.667 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

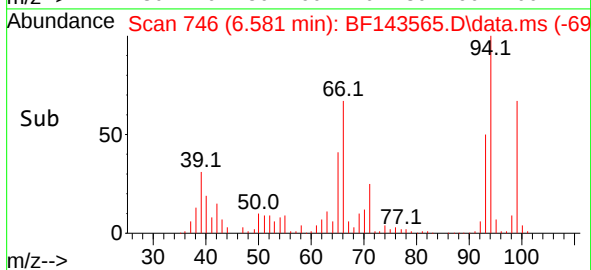
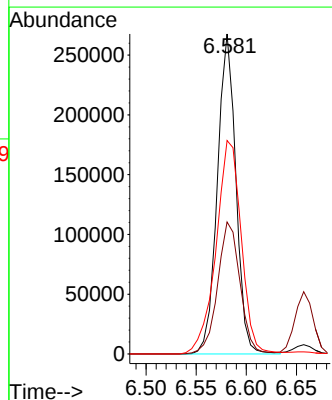
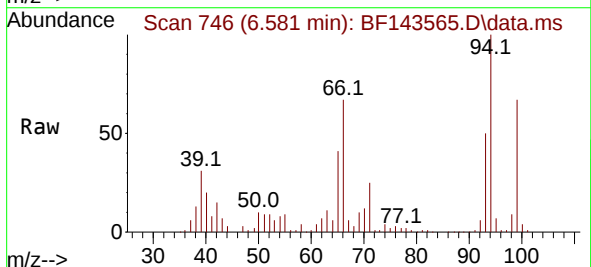
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ClientSampleId :
PB169330BS

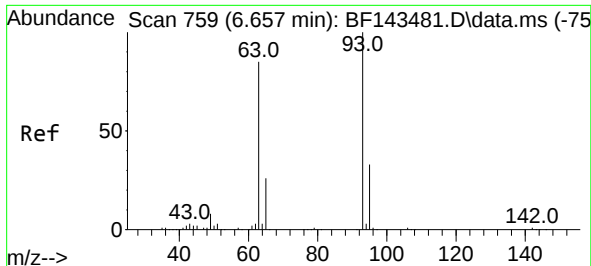
Tgt Ion: 77 Resp: 142621
Ion Ratio Lower Upper
77 100
105 96.1 78.1 118.1
106 92.1 74.9 114.9



#10
Phenol
Concen: 41.789 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 94 Resp: 343798
Ion Ratio Lower Upper
94 100
65 41.2 19.5 59.5
66 66.7 42.5 82.5

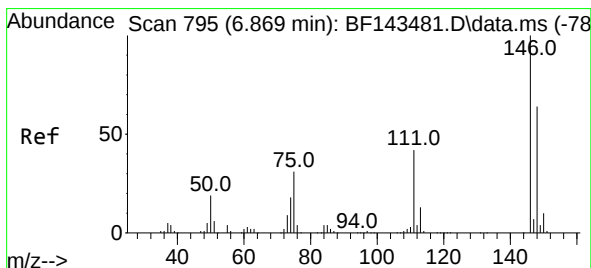
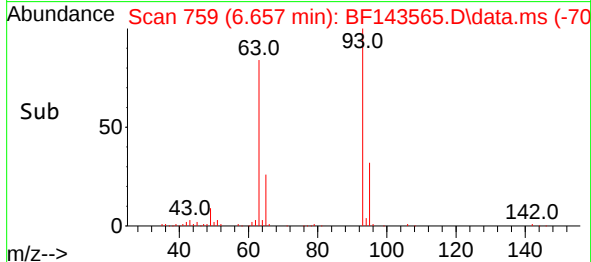
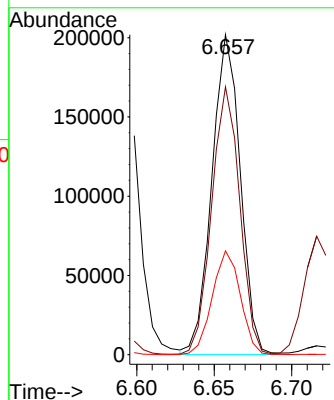
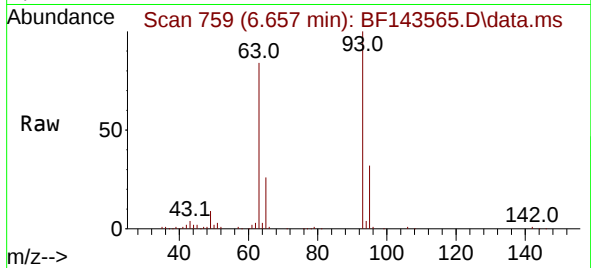




#11
bis(2-Chloroethyl)ether
Concen: 41.884 ng
RT: 6.657 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

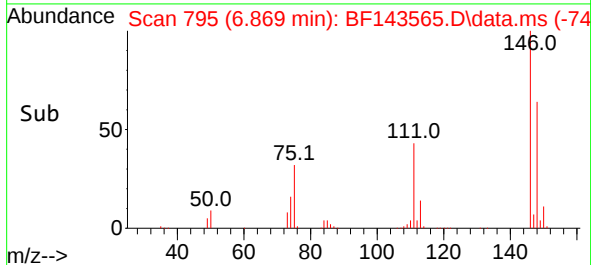
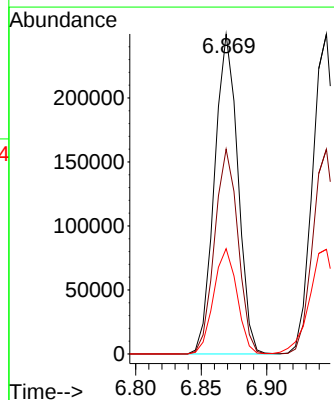
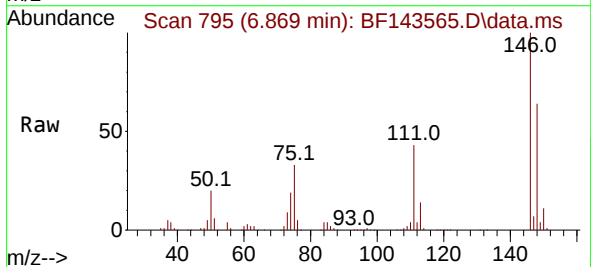
Instrument :
BNA_F
ClientSampleId :
PB169330BS

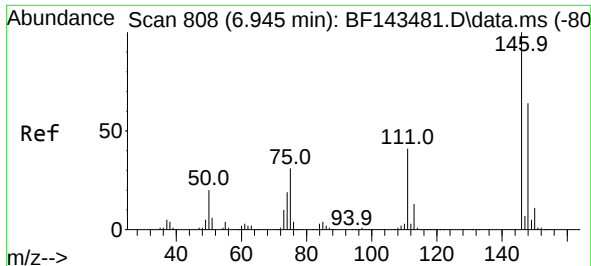
Tgt Ion: 93 Resp: 257497
Ion Ratio Lower Upper
93 100
63 83.7 63.6 103.6
95 32.5 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.162 ng
RT: 6.869 min Scan# 795
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:146 Resp: 309880
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 33.0 24.7 37.1





#13

1,4-Dichlorobenzene

Concen: 43.646 ng

RT: 6.945 min Scan# 808

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

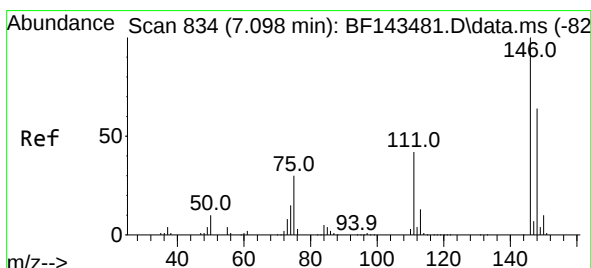
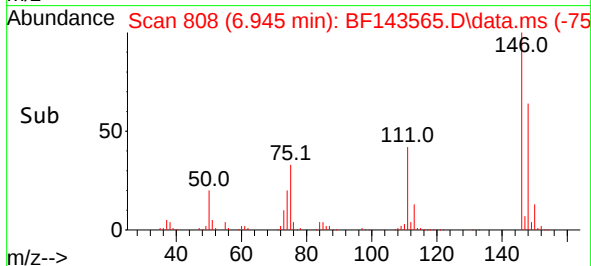
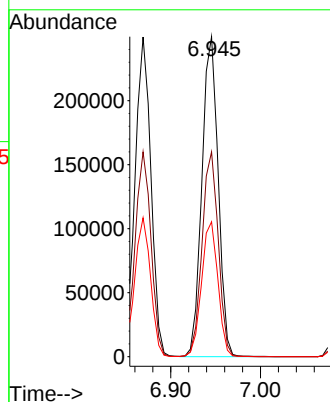
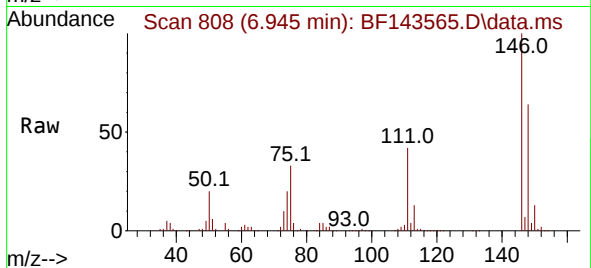
Tgt Ion:146 Resp: 314330

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

111 42.2 32.6 49.0



#14

1,2-Dichlorobenzene

Concen: 44.151 ng

RT: 7.098 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

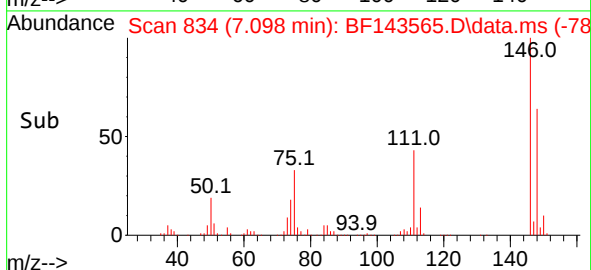
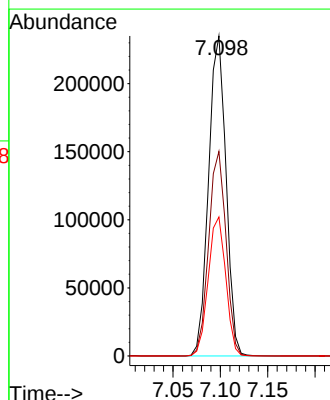
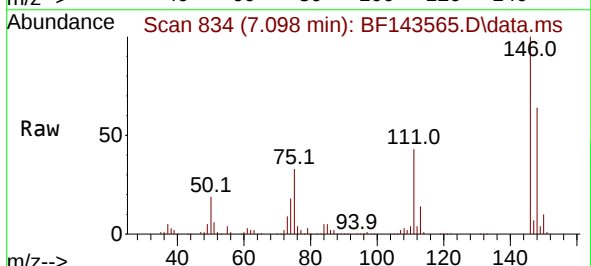
Tgt Ion:146 Resp: 301047

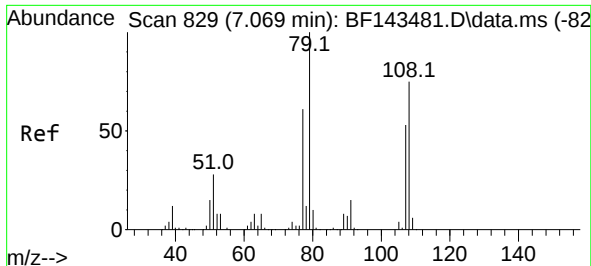
Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

111 43.5 34.0 51.0

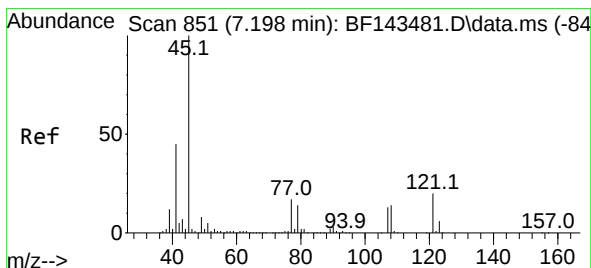
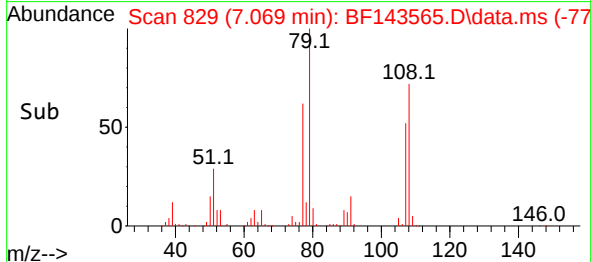
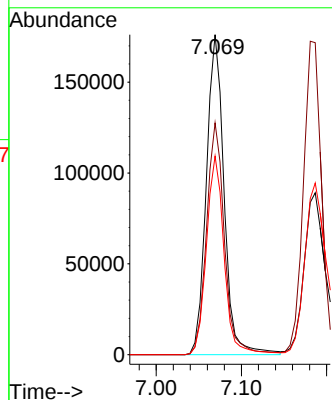
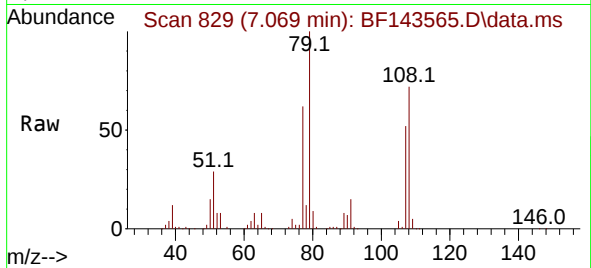




#15
Benzyl Alcohol
Concen: 47.710 ng
RT: 7.069 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

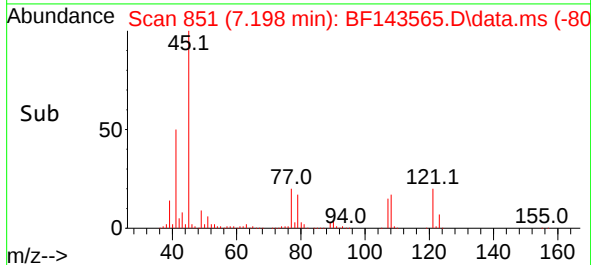
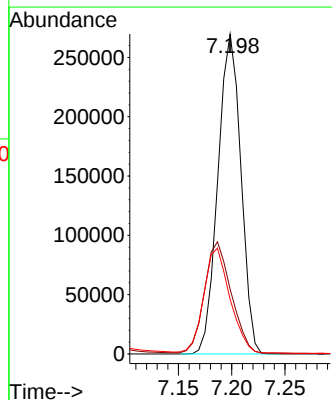
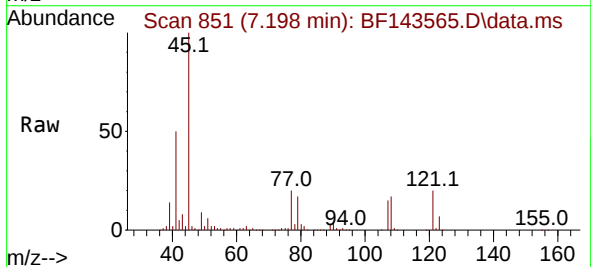
Instrument :
BNA_F
ClientSampleId :
PB169330BS

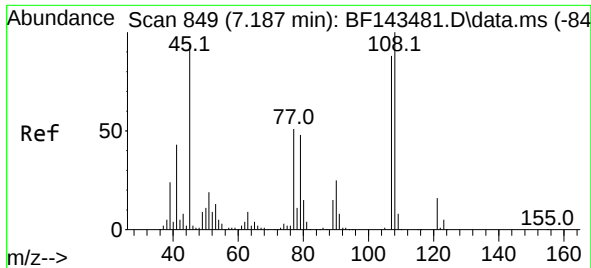
Tgt Ion: 79 Resp: 255095
Ion Ratio Lower Upper
79 100
108 72.4 59.8 89.6
77 62.0 49.0 73.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.103 ng
RT: 7.198 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

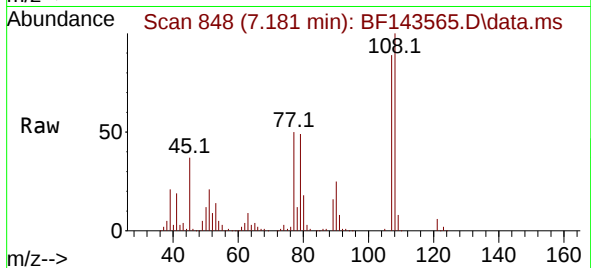
Tgt Ion: 45 Resp: 404274
Ion Ratio Lower Upper
45 100
77 20.3 0.0 37.9
79 17.0 0.0 34.7





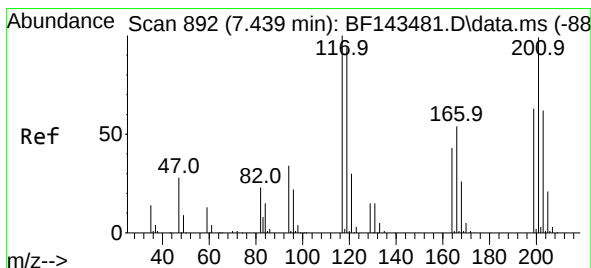
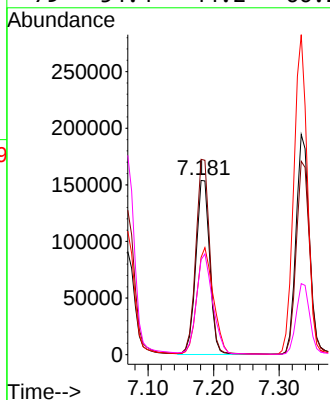
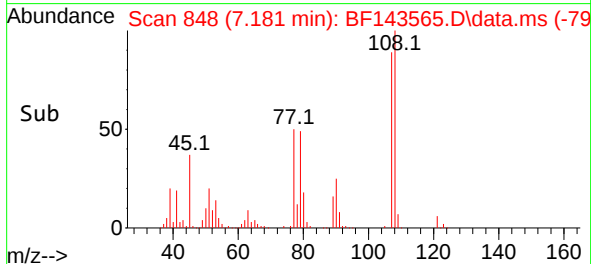
#17
2-Methylphenol
Concen: 44.193 ng
RT: 7.181 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB169330BS

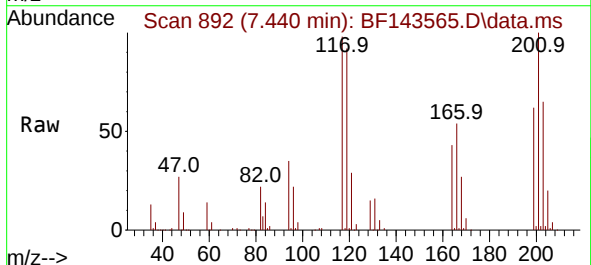


Tgt Ion:107 Resp: 226640

Ion	Ratio	Lower	Upper
107	100		
108	112.1	91.1	136.7
77	55.9	46.2	69.4
79	54.4	44.2	66.2

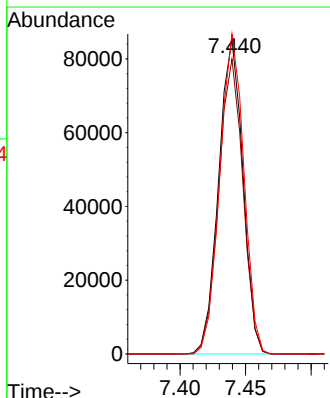
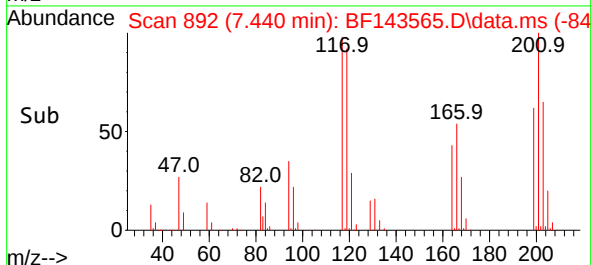


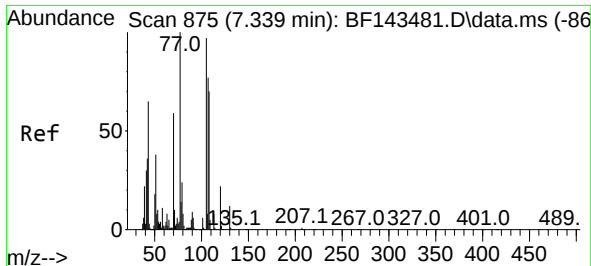
#18
Hexachloroethane
Concen: 44.758 ng
RT: 7.440 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27



Tgt Ion:117 Resp: 109593

Ion	Ratio	Lower	Upper
117	100		
119	93.6	75.4	113.0
201	101.6	79.0	118.4

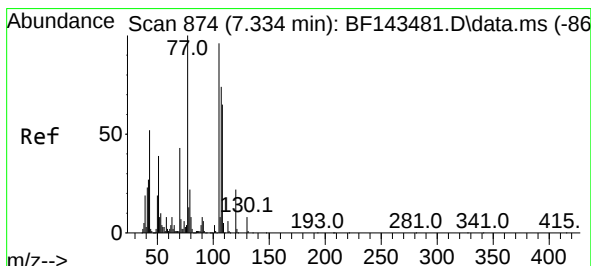
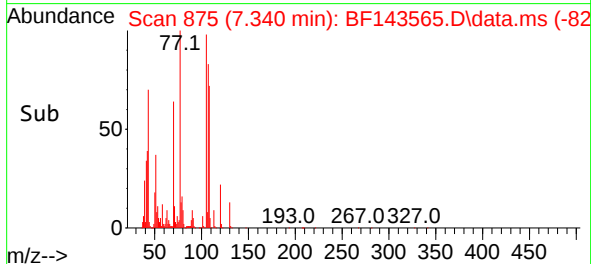
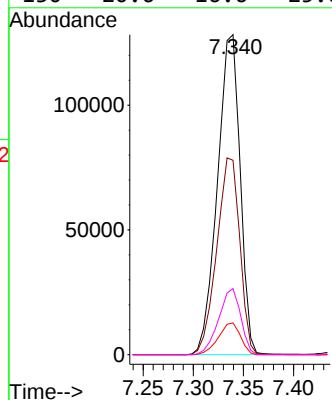
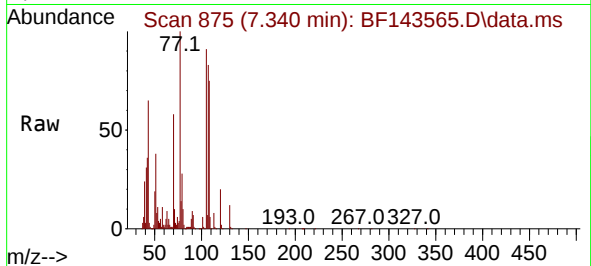




#19
n-Nitroso-di-n-propylamine
Concen: 46.185 ng
RT: 7.340 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

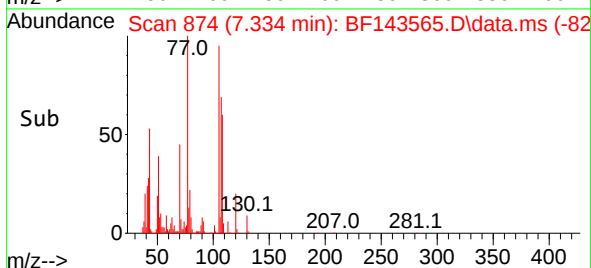
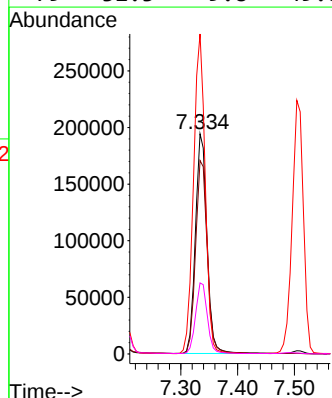
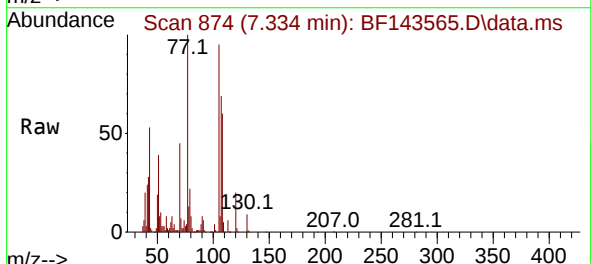
Instrument :
BNA_F
ClientSampleId :
PB169330BS

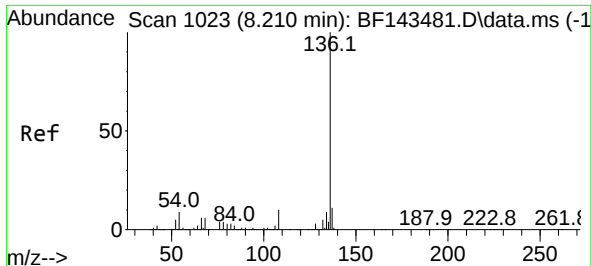
Tgt Ion: 70 Resp: 201597
Ion Ratio Lower Upper
70 100
42 60.8 49.3 73.9
101 10.0 7.8 11.8
130 20.6 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.000 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 107 Resp: 275497
Ion Ratio Lower Upper
107 100
108 87.9 68.4 108.4
77 145.4 116.1 156.1
79 32.3 9.8 49.8

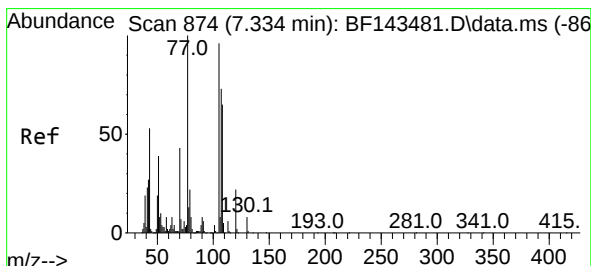
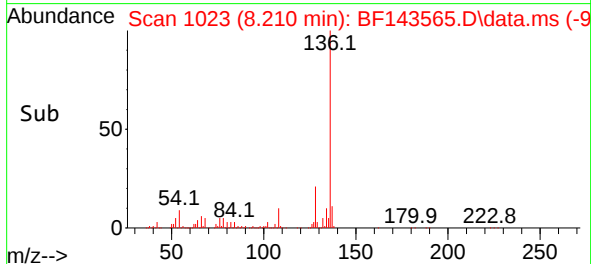
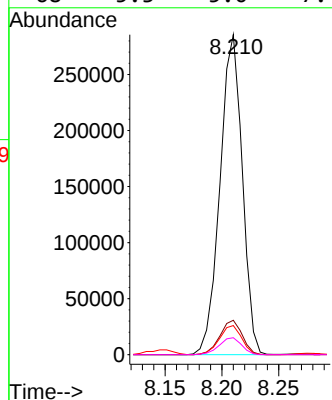
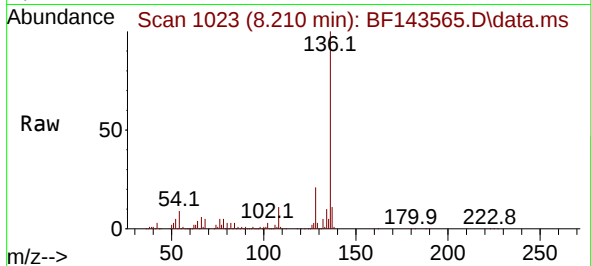




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

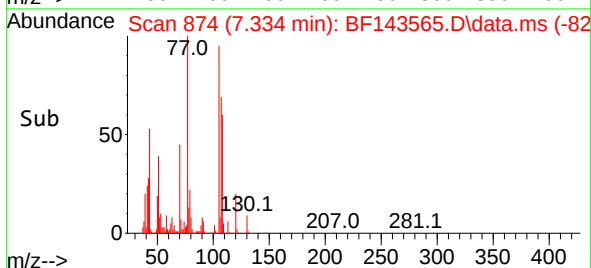
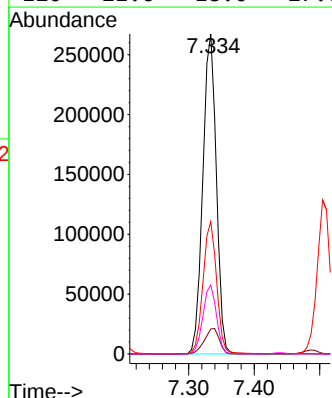
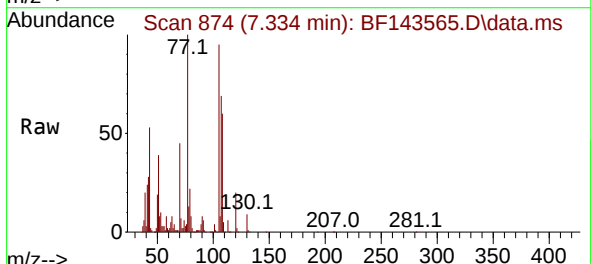
Instrument :
BNA_F
ClientSampleId :
PB169330BS

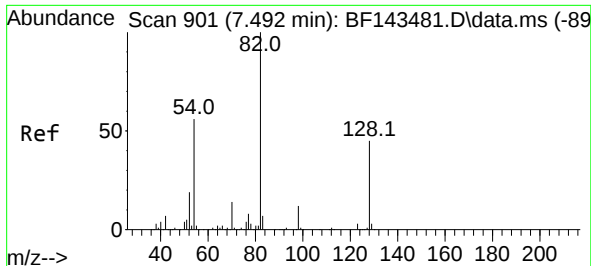
Tgt Ion:	136	Resp:	389858
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.0	13.4
54	9.1	7.4	11.2
68	5.3	5.0	7.4



#22
Acetophenone
Concen: 45.625 ng
RT: 7.334 min Scan# 874
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:	105	Resp:	384279
Ion Ratio	Lower	Upper	
105	100		
71	7.8	5.9	8.9
51	41.4	32.5	48.7
120	21.6	18.0	27.0





#23

Nitrobenzene-d5

Concen: 86.870 ng

RT: 7.487 min Scan# 901

Delta R.T. -0.012 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

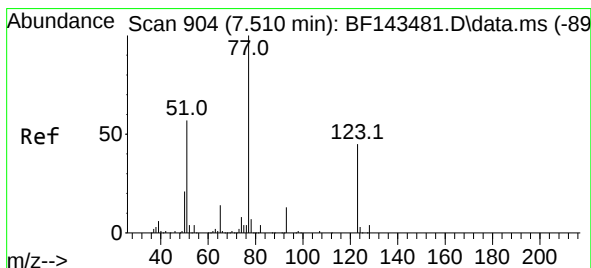
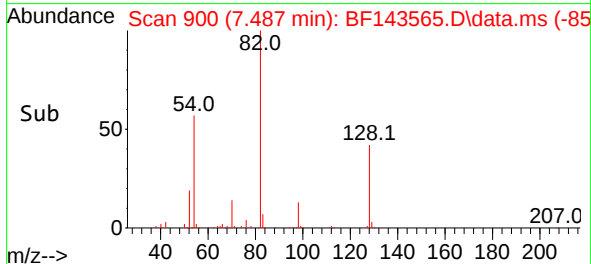
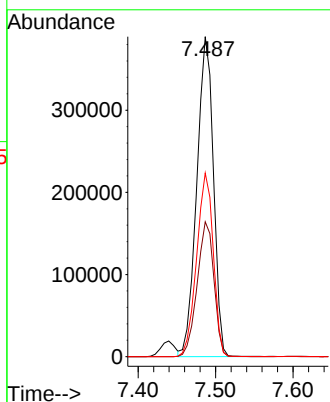
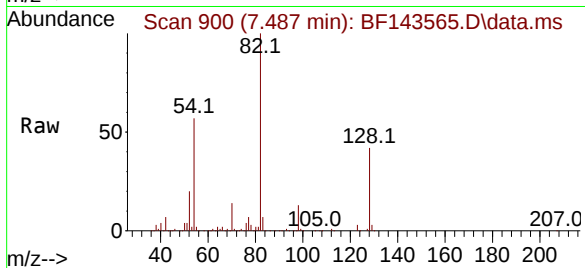
Tgt Ion: 82 Resp: 580361

Ion Ratio Lower Upper

82 100

128 42.1 35.5 53.3

54 57.4 44.3 66.5



#24

Nitrobenzene

Concen: 44.514 ng

RT: 7.504 min Scan# 903

Delta R.T. -0.012 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

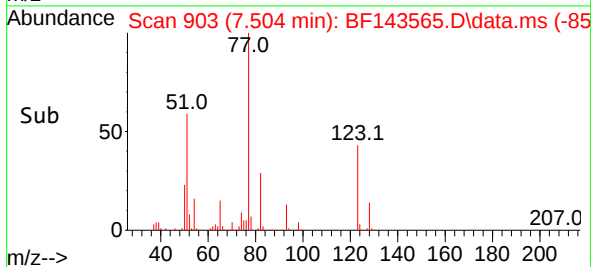
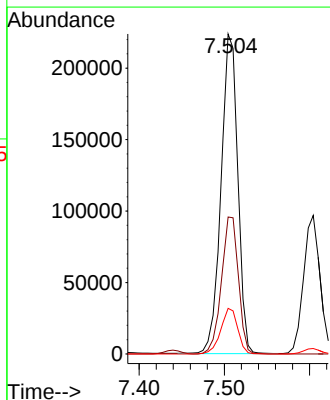
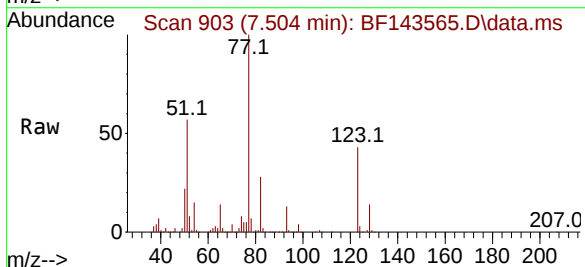
Tgt Ion: 77 Resp: 306080

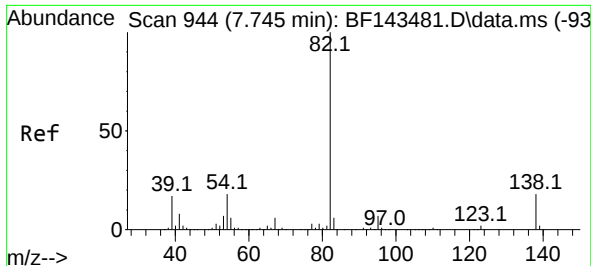
Ion Ratio Lower Upper

77 100

123 42.8 36.1 54.1

65 14.3 11.0 16.6

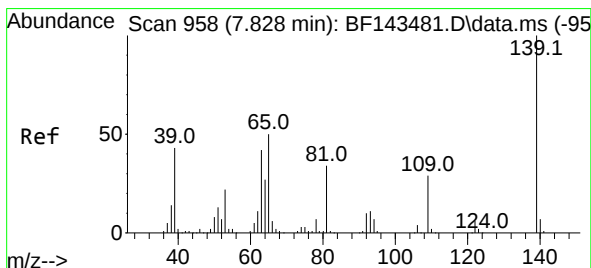
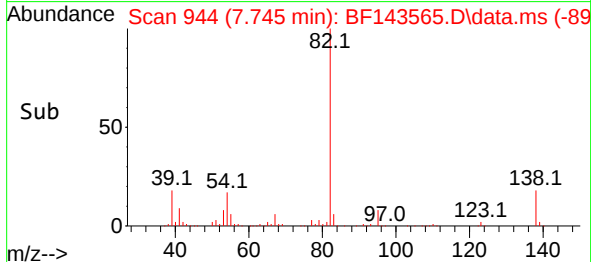
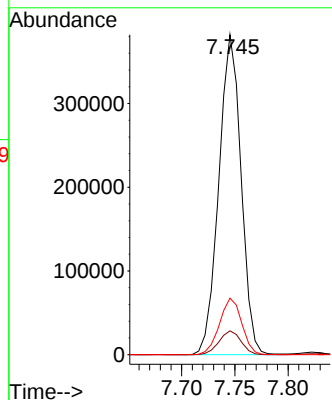
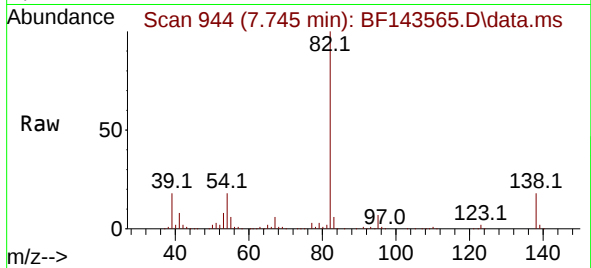




#25
Isophorone
Concen: 45.235 ng
RT: 7.745 min Scan# 944
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

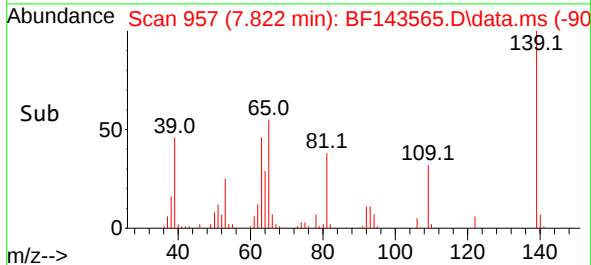
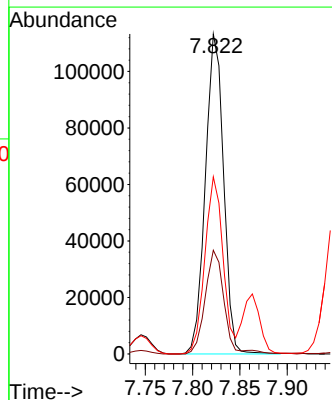
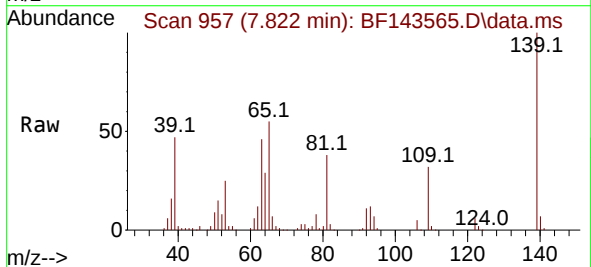
Instrument :
BNA_F
ClientSampleId :
PB169330BS

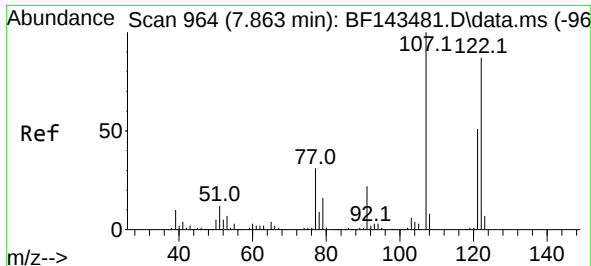
Tgt Ion: 82 Resp: 553969
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 17.6 14.2 21.4



#26
2-Nitrophenol
Concen: 44.950 ng
RT: 7.822 min Scan# 957
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:139 Resp: 151400
Ion Ratio Lower Upper
139 100
109 32.4 23.0 34.6
65 55.4 40.3 60.5

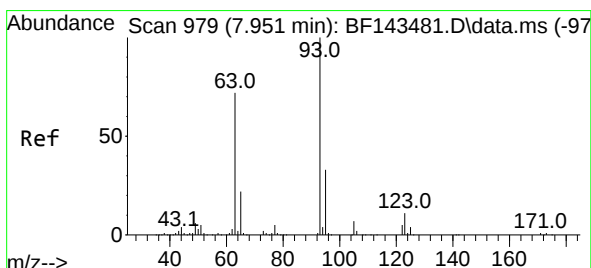
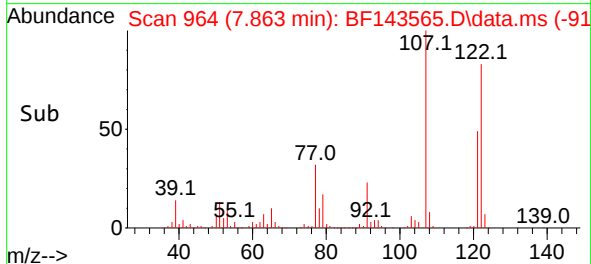
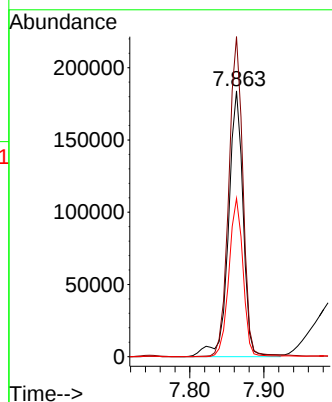
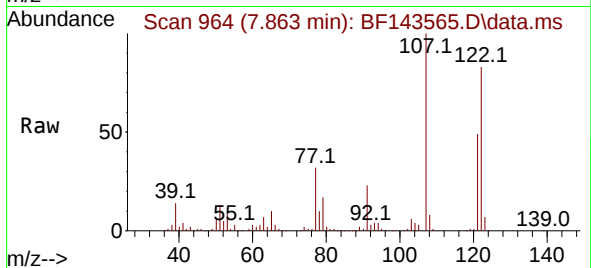




#27
2,4-Dimethylphenol
Concen: 48.169 ng
RT: 7.863 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

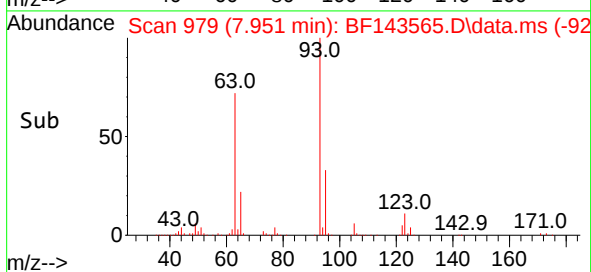
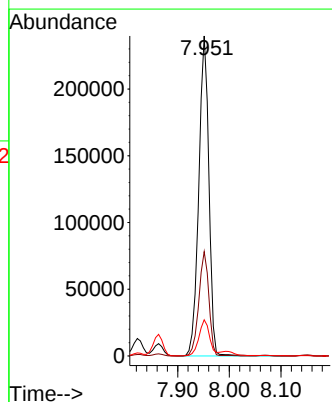
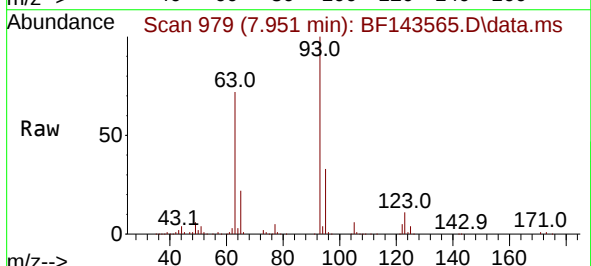
Instrument :
BNA_F
ClientSampleId :
PB169330BS

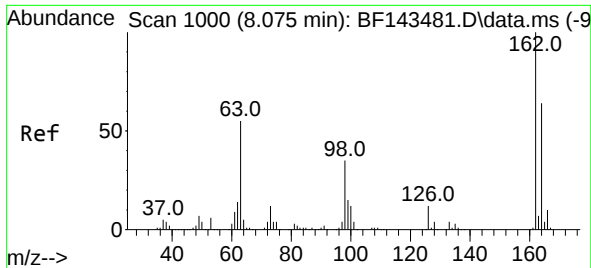
Tgt Ion:122 Resp: 252916
Ion Ratio Lower Upper
122 100
107 120.4 91.5 137.3
121 59.5 47.0 70.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.248 ng
RT: 7.951 min Scan# 979
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 93 Resp: 325495
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.3 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 43.029 ng

RT: 8.069 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

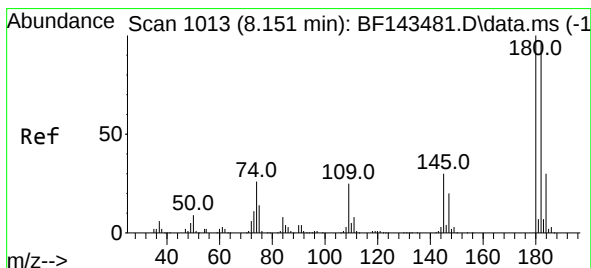
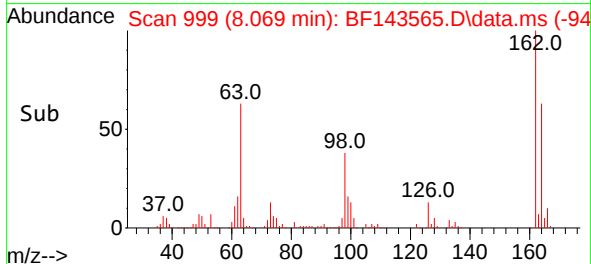
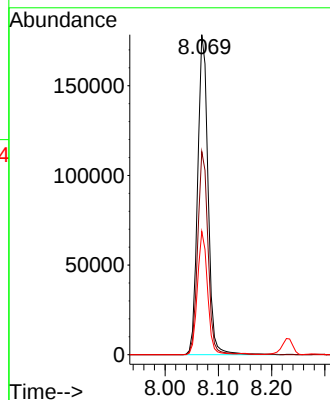
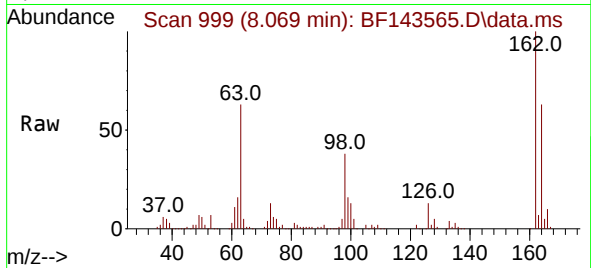
Tgt Ion:162 Resp: 241291

Ion Ratio Lower Upper

162 100

164 63.4 43.5 83.5

98 38.5 15.1 55.1



#30

1,2,4-Trichlorobenzene

Concen: 45.287 ng

RT: 8.151 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

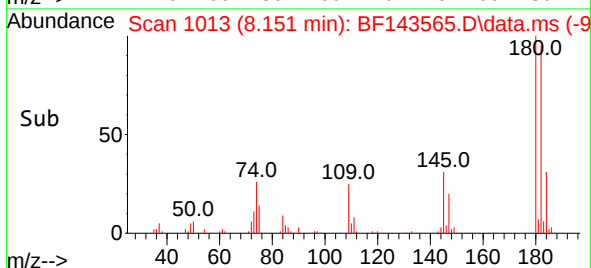
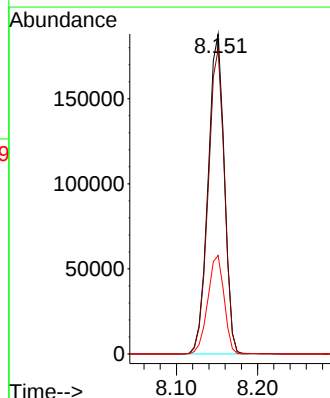
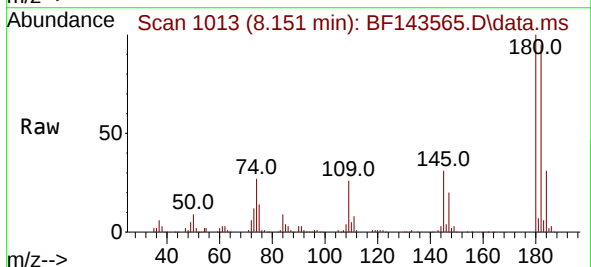
Tgt Ion:180 Resp: 261097

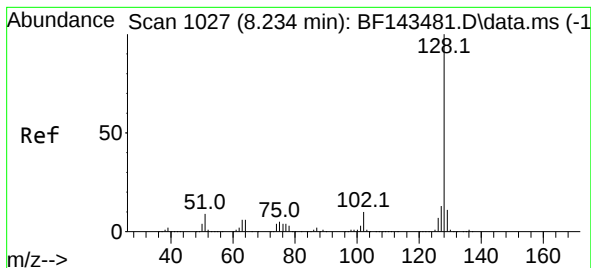
Ion Ratio Lower Upper

180 100

182 95.2 76.6 114.8

145 30.8 24.3 36.5





#31

Naphthalene

Concen: 42.191 ng

RT: 8.234 min Scan# 1027

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

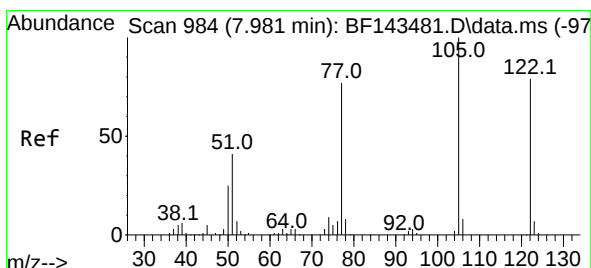
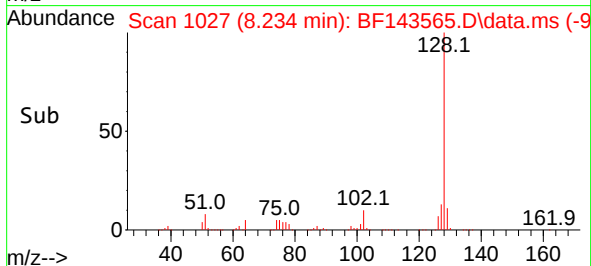
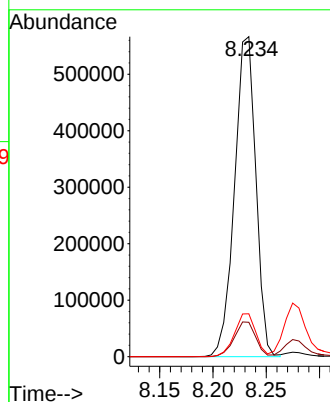
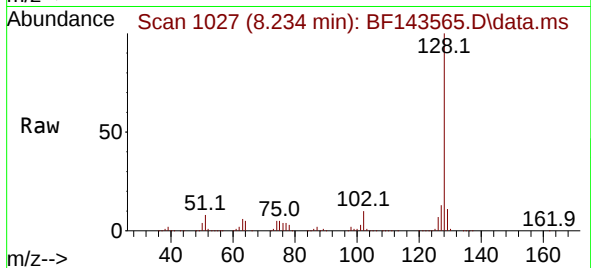
Tgt Ion:128 Resp: 789696

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

127 13.4 10.6 16.0



#32

Benzoic acid

Concen: 41.971 ng

RT: 7.992 min Scan# 986

Delta R.T. -0.018 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

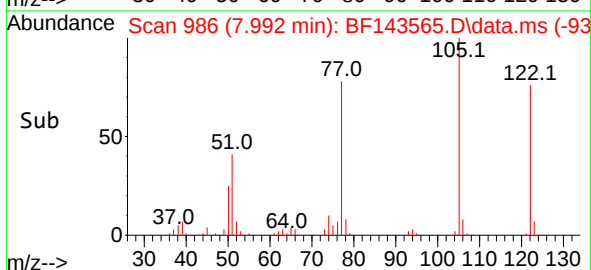
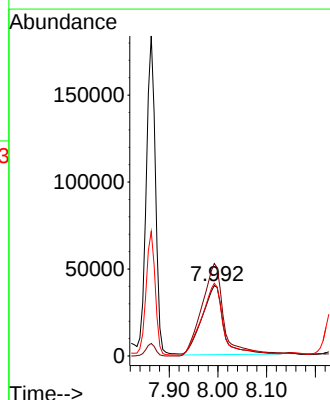
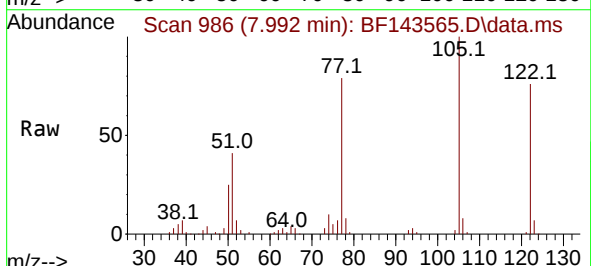
Tgt Ion:122 Resp: 122802

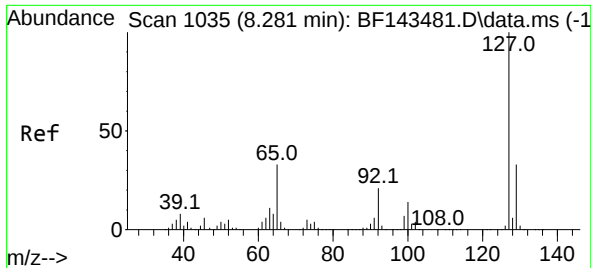
Ion Ratio Lower Upper

122 100

105 131.3 104.7 144.7

77 103.1 77.3 117.3

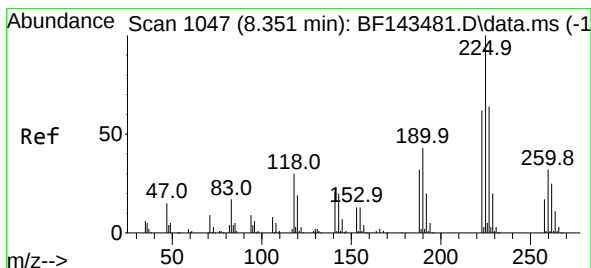
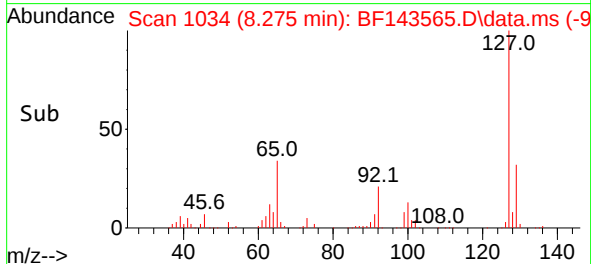
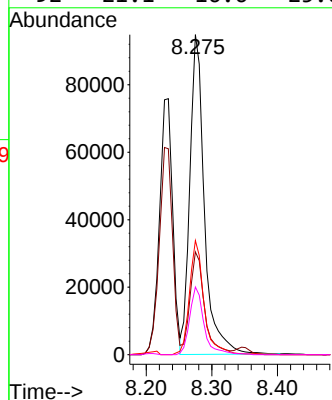
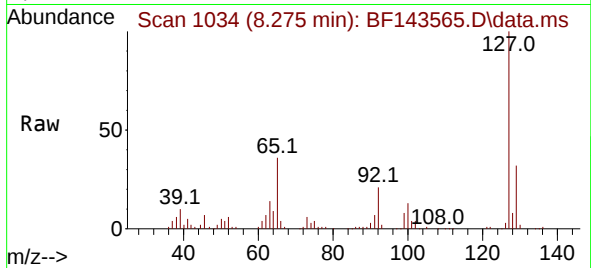




#33
4-Chloroaniline
Concen: 21.996 ng
RT: 8.275 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

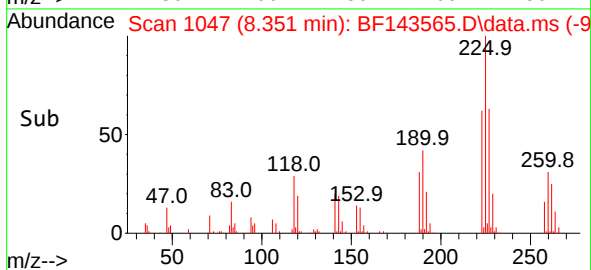
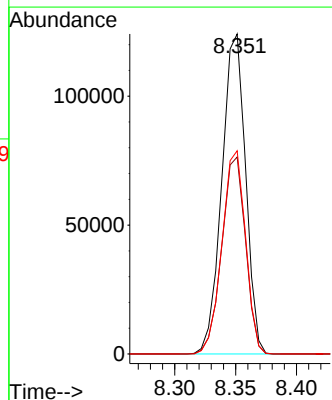
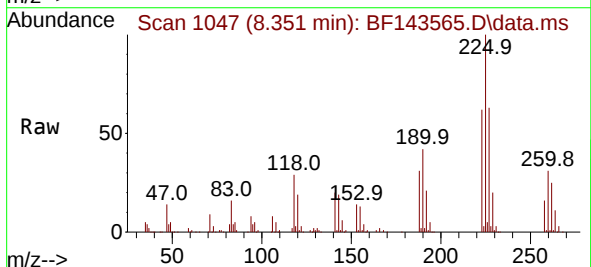
Instrument :
BNA_F
ClientSampleId :
PB169330BS

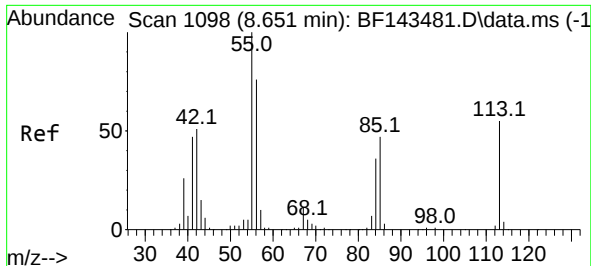
Tgt Ion:	127	Resp:	146125
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.1	39.1
65	35.7	26.2	39.2
92	21.1	16.6	25.0



#34
Hexachlorobutadiene
Concen: 44.803 ng
RT: 8.351 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:	225	Resp:	168525
Ion	Ratio	Lower	Upper
225	100		
223	61.6	49.9	74.9
227	63.5	50.9	76.3

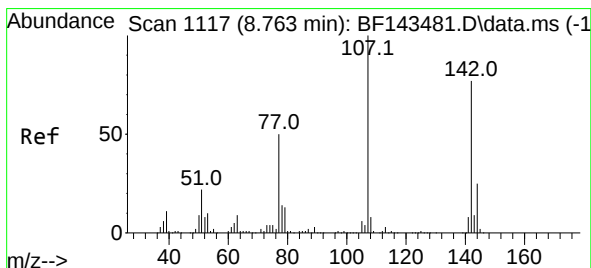
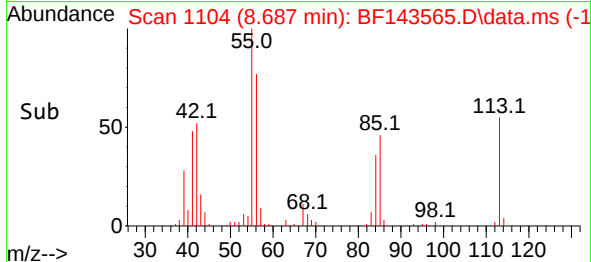
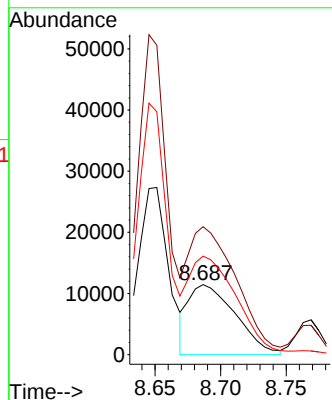
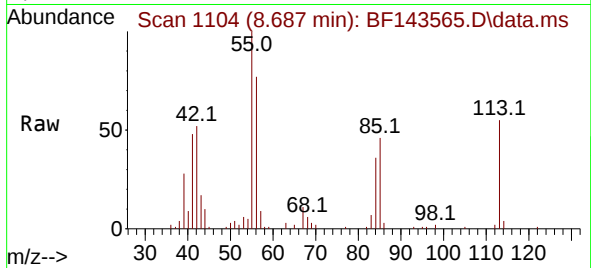




#35
Caprolactam
Concen: 21.243 ng
RT: 8.687 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

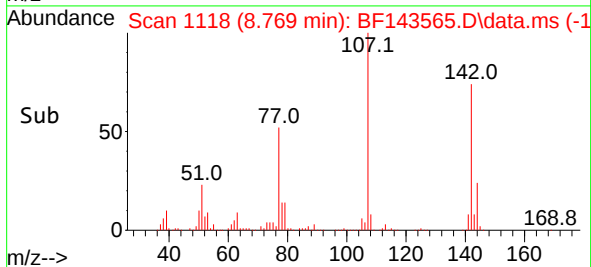
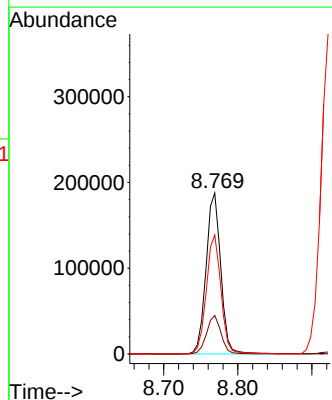
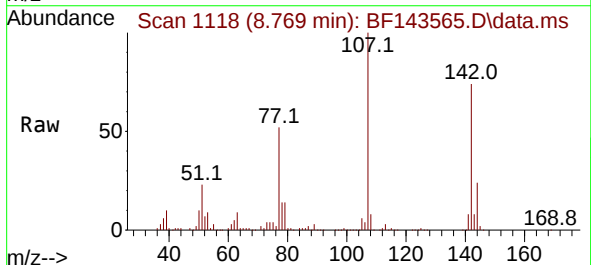
Instrument :
BNA_F
ClientSampleId :
PB169330BS

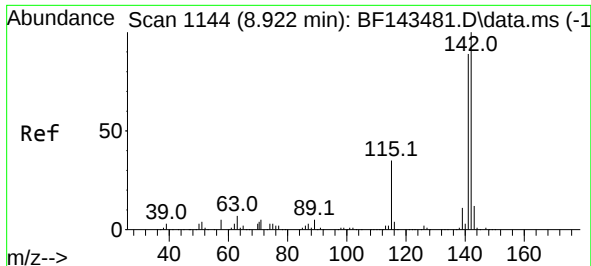
Tgt Ion:113 Resp: 28585
Ion Ratio Lower Upper
113 100
55 182.5 162.8 202.8
56 140.5 118.1 158.1



#36
4-Chloro-3-methylphenol
Concen: 46.128 ng
RT: 8.769 min Scan# 1118
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:107 Resp: 259225
Ion Ratio Lower Upper
107 100
144 23.8 19.9 29.9
142 73.9 61.8 92.8





#37

2-Methylnaphthalene

Concen: 39.296 ng

RT: 8.922 min Scan# 1144

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

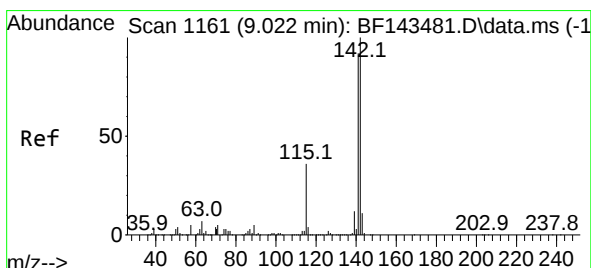
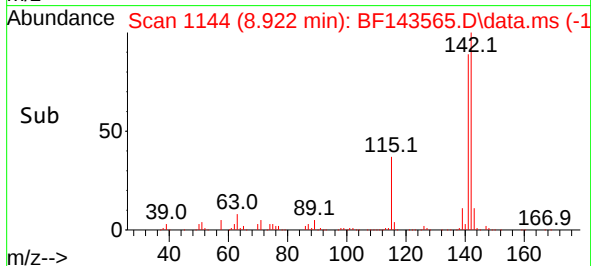
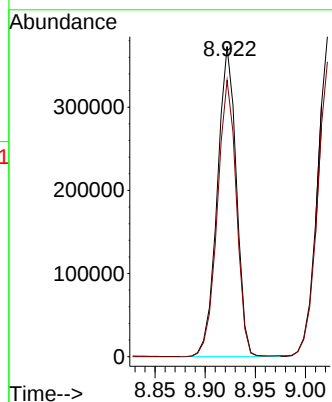
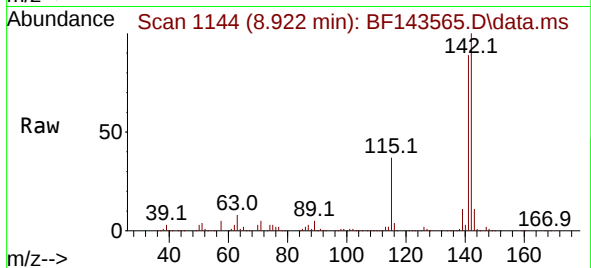
PB169330BS

Tgt Ion:142 Resp: 491239

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.4



#38

1-Methylnaphthalene

Concen: 42.389 ng

RT: 9.022 min Scan# 1161

Delta R.T. -0.006 min

Lab File: BF143565.D

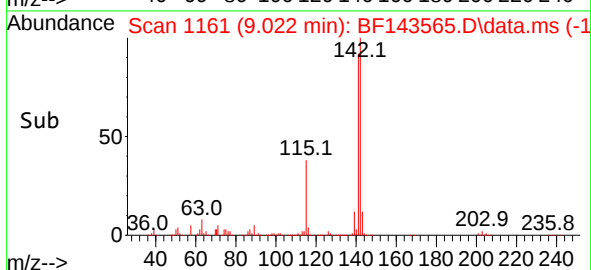
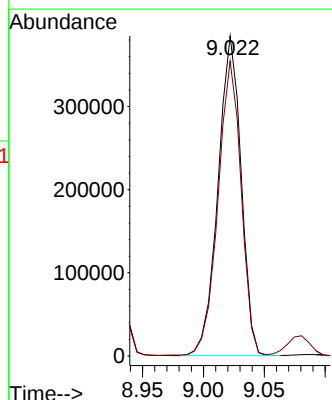
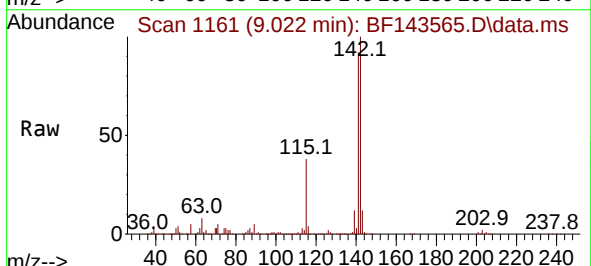
Acq: 22 Aug 2025 11:27

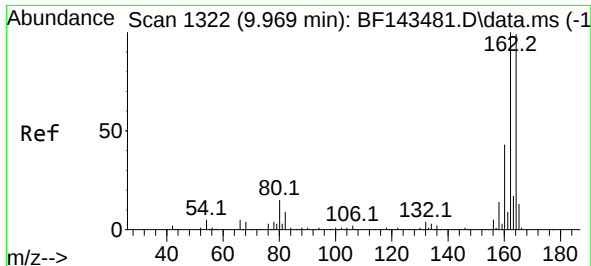
Tgt Ion:142 Resp: 506880

Ion Ratio Lower Upper

142 100

141 92.2 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: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

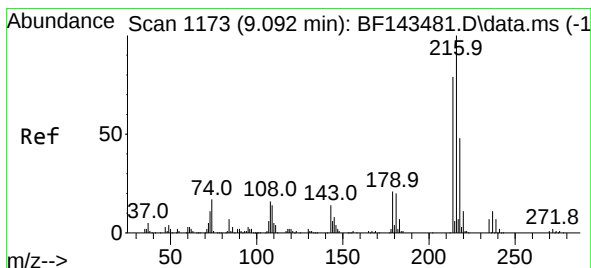
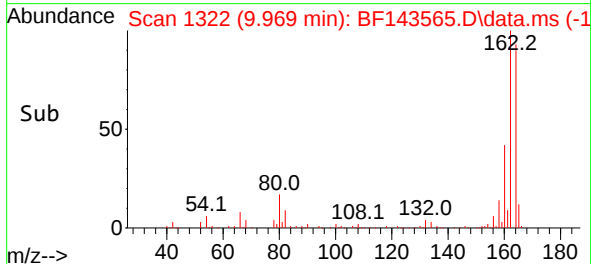
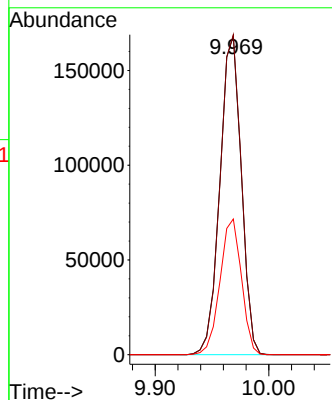
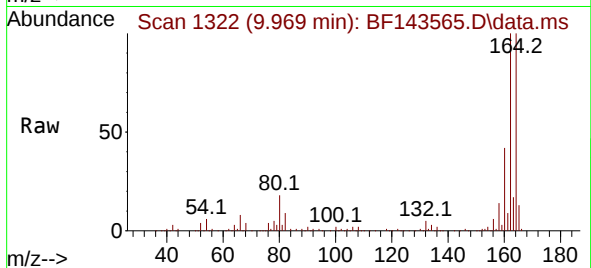
Tgt Ion:164 Resp: 220374

Ion Ratio Lower Upper

164 100

162 100.5 80.5 120.7

160 42.6 34.3 51.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.466 ng

RT: 9.092 min Scan# 1173

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Tgt Ion:216 Resp: 261384

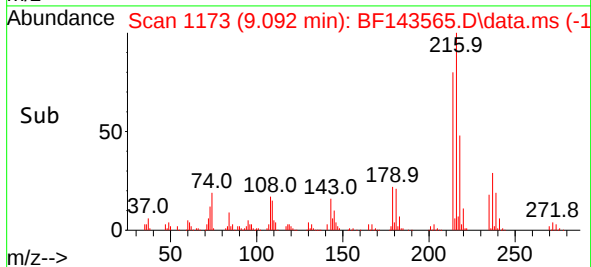
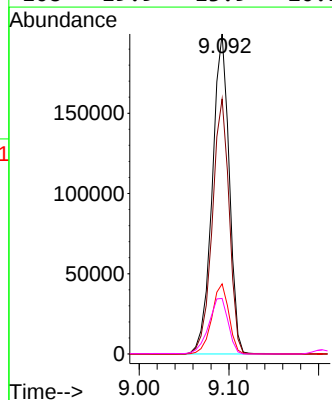
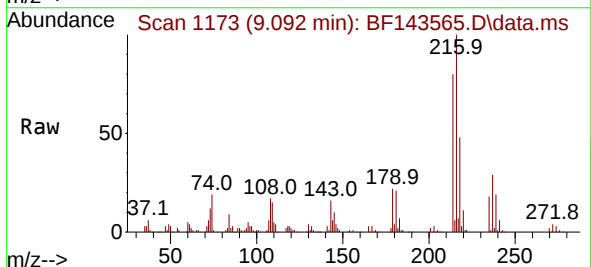
Ion Ratio Lower Upper

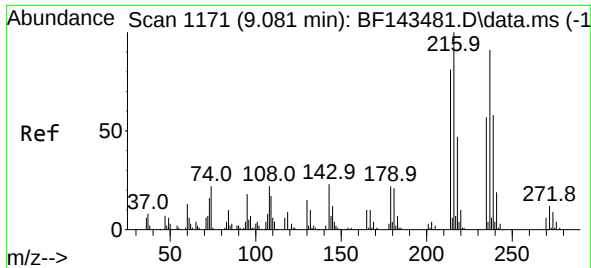
216 100

214 79.2 63.4 95.0

179 22.0 16.5 24.7

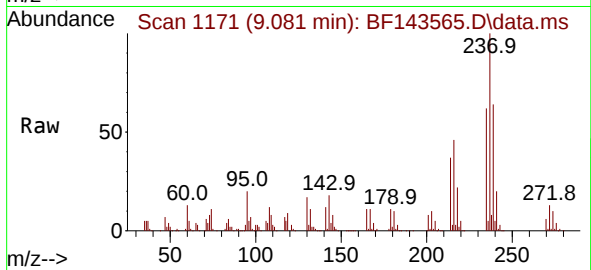
108 19.9 13.9 20.9



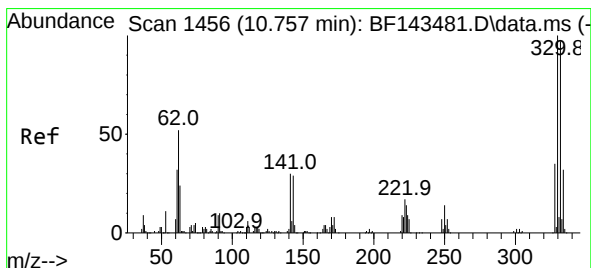
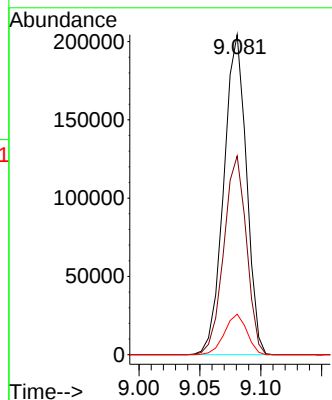
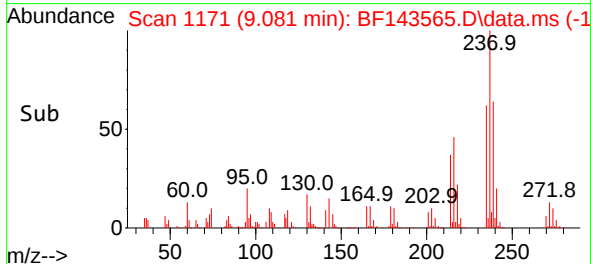


#41
Hexachlorocyclopentadiene
Concen: 105.766 ng
RT: 9.081 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

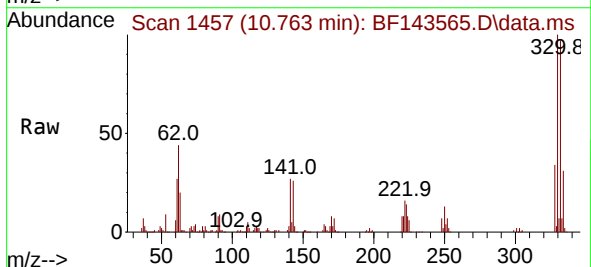
Instrument :
BNA_F
ClientSampleId :
PB169330BS



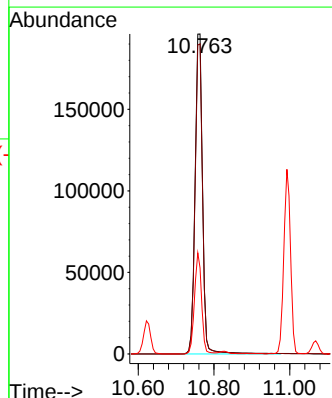
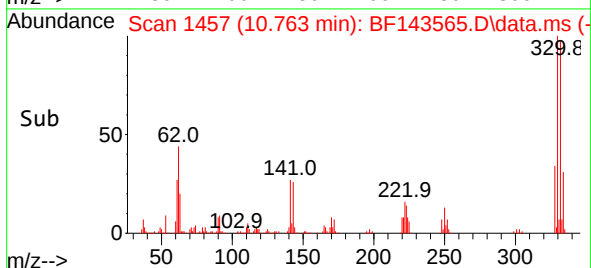
Tgt Ion:237 Resp: 264577
Ion Ratio Lower Upper
237 100
235 62.1 42.6 82.6
272 12.6 0.0 33.4

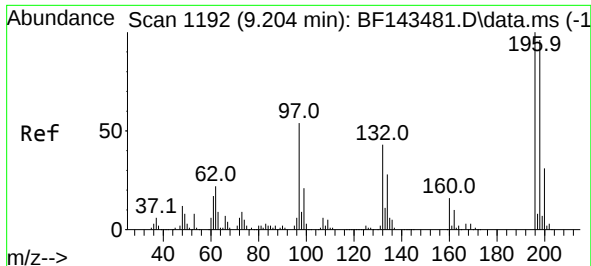


#42
2,4,6-Tribromophenol
Concen: 132.258 ng
RT: 10.763 min Scan# 1457
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27



Tgt Ion:330 Resp: 271309
Ion Ratio Lower Upper
330 100
332 96.6 78.0 117.0
141 29.9 23.7 35.5





#43

2,4,6-Trichlorophenol

Concen: 42.791 ng

RT: 9.204 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

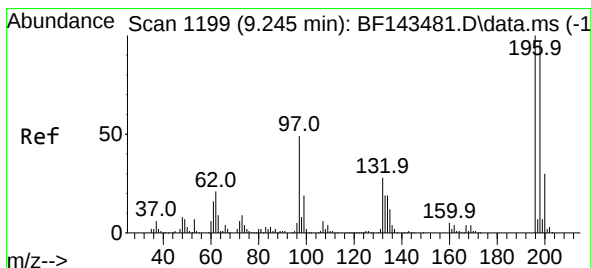
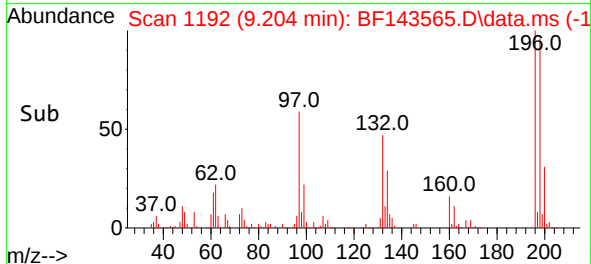
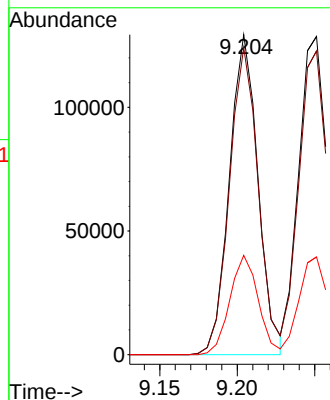
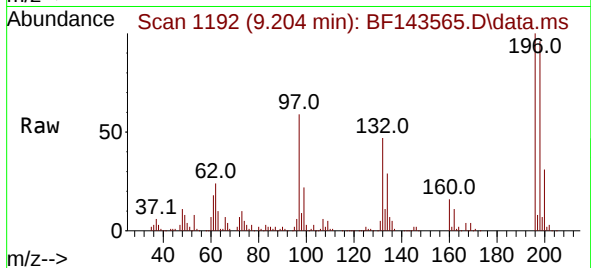
Tgt Ion:196 Resp: 165973

Ion Ratio Lower Upper

196 100

198 96.0 77.0 115.4

200 31.0 24.6 37.0



#44

2,4,5-Trichlorophenol

Concen: 41.539 ng

RT: 9.251 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Tgt Ion:196 Resp: 175994

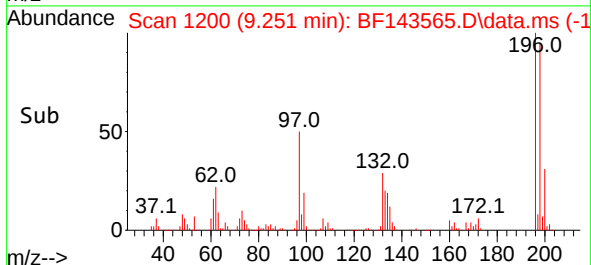
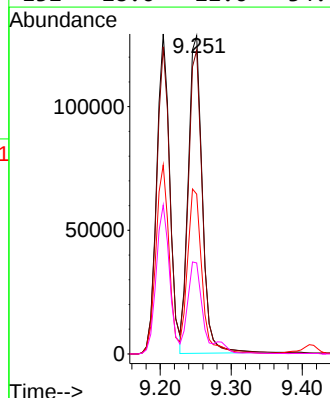
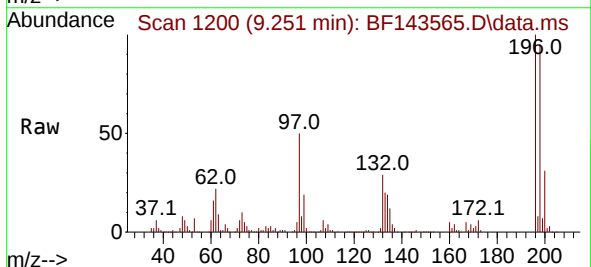
Ion Ratio Lower Upper

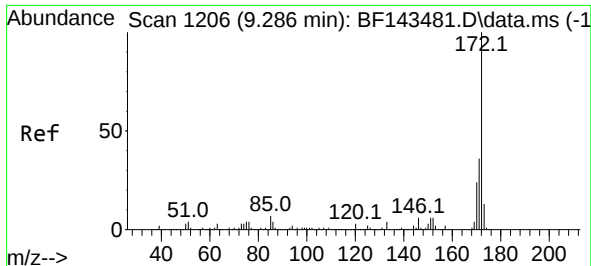
196 100

198 95.4 77.3 115.9

97 50.2 40.0 60.0

132 28.6 22.6 34.0

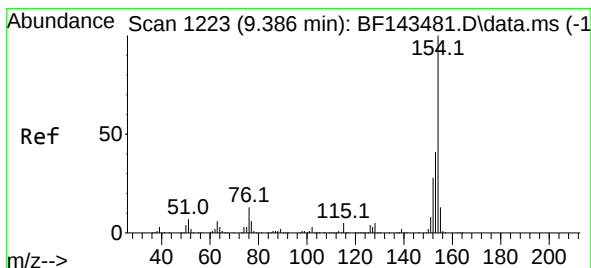
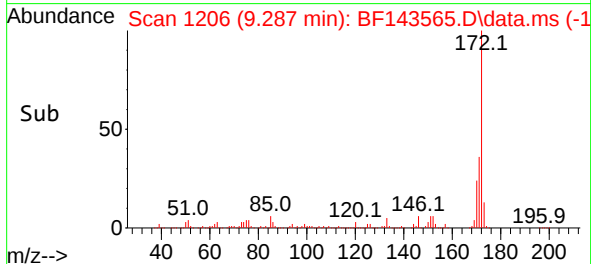
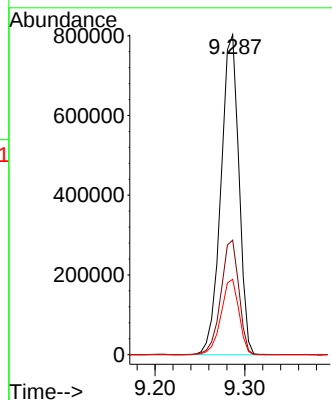
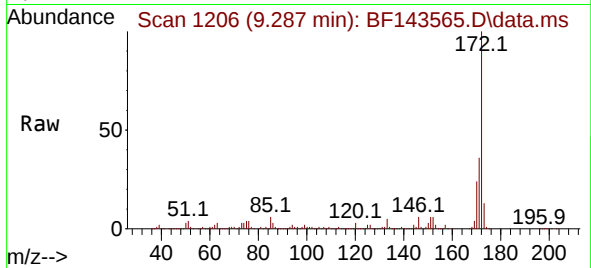




#45
2-Fluorobiphenyl
Concen: 83.749 ng
RT: 9.287 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

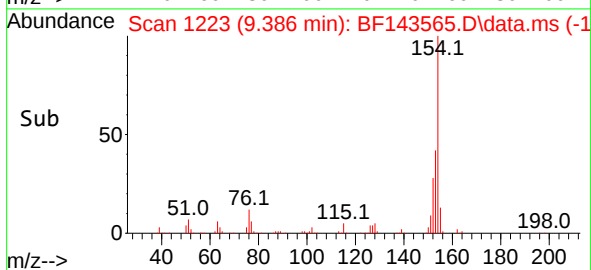
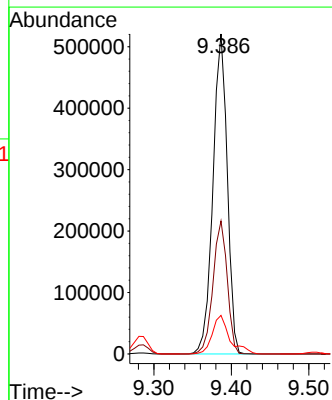
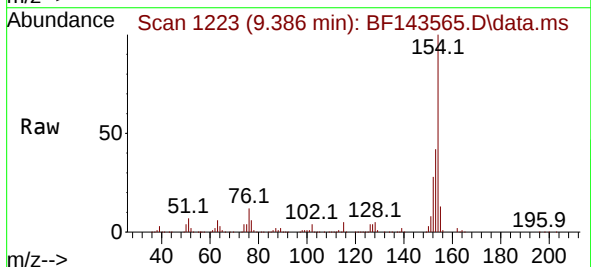
Instrument :
BNA_F
ClientSampleId :
PB169330BS

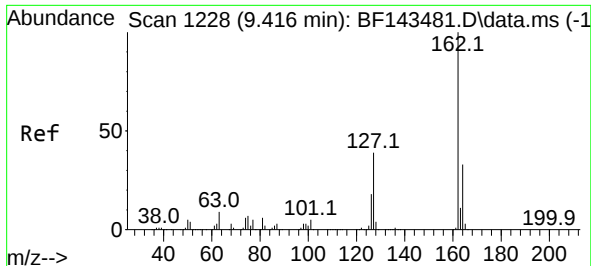
Tgt Ion:172 Resp: 1116747
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 42.820 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:154 Resp: 669776
Ion Ratio Lower Upper
154 100
153 41.6 20.6 60.6
76 12.1 0.0 33.0

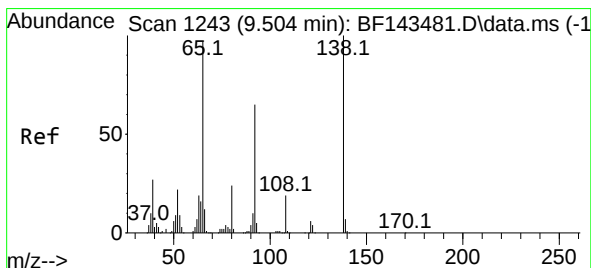
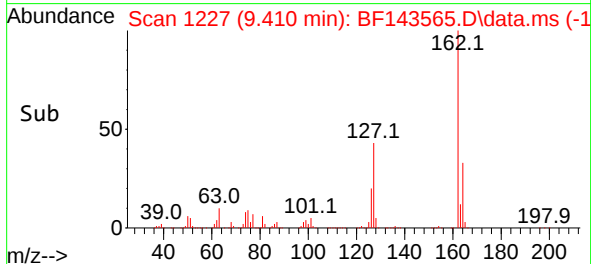
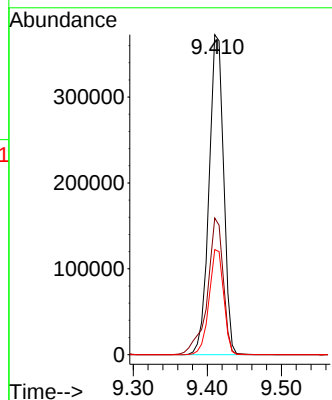
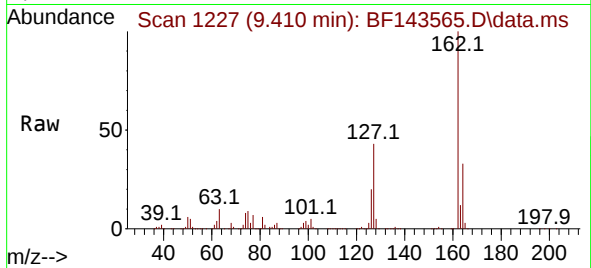




#47
2-Chloronaphthalene
Concen: 41.601 ng
RT: 9.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

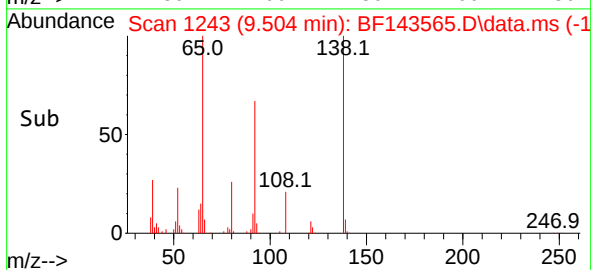
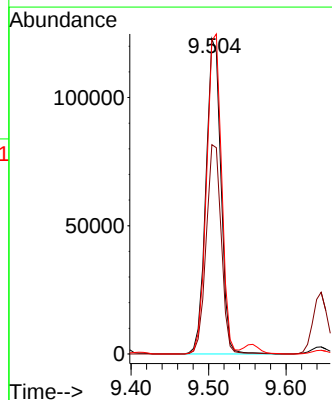
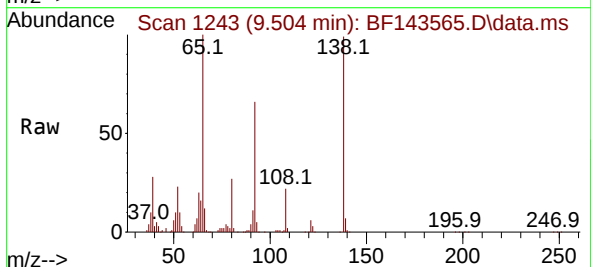
Instrument :
BNA_F
ClientSampleId :
PB169330BS

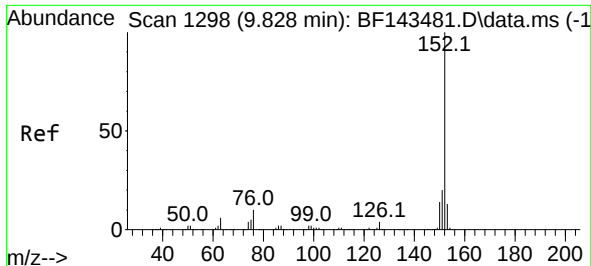
Tgt Ion:162 Resp: 510566
Ion Ratio Lower Upper
162 100
127 42.7 31.8 47.6
164 32.8 26.4 39.6



#48
2-Nitroaniline
Concen: 45.924 ng
RT: 9.504 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion: 65 Resp: 164949
Ion Ratio Lower Upper
65 100
92 66.4 53.8 80.6
138 99.4 82.4 123.6

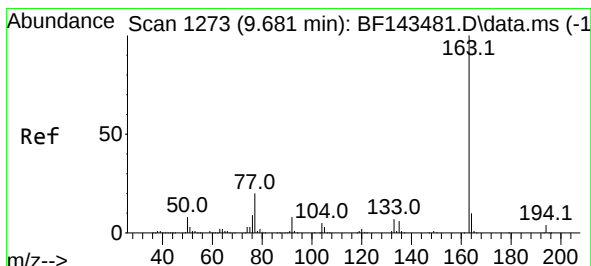
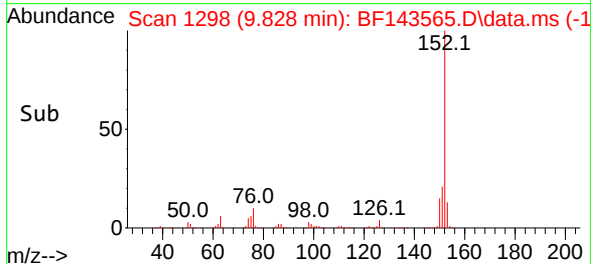
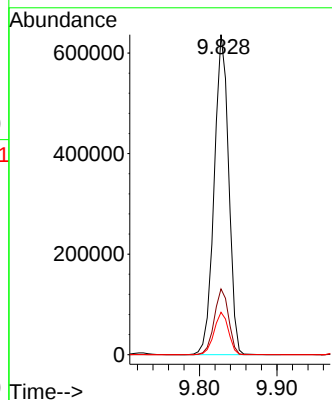
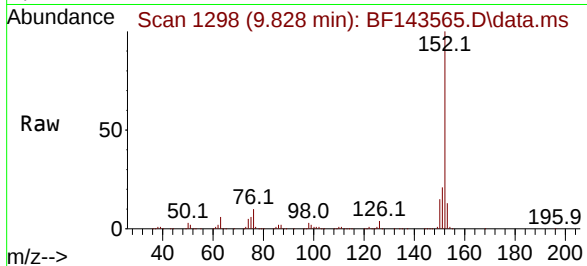




#49
Acenaphthylene
Concen: 47.102 ng
RT: 9.828 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

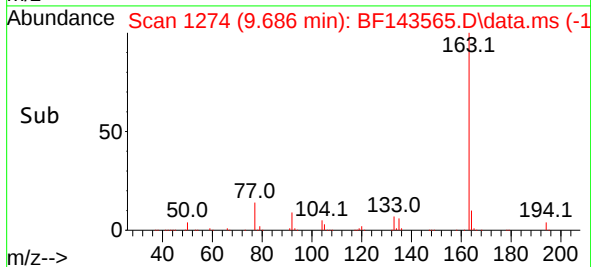
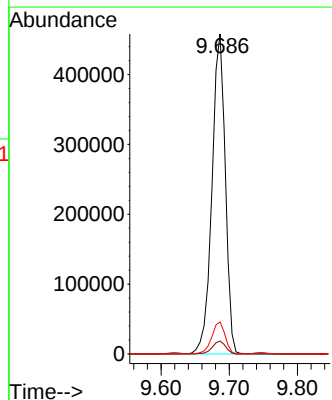
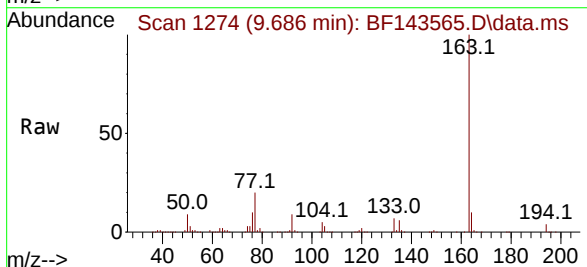
Instrument :
BNA_F
ClientSampleId :
PB169330BS

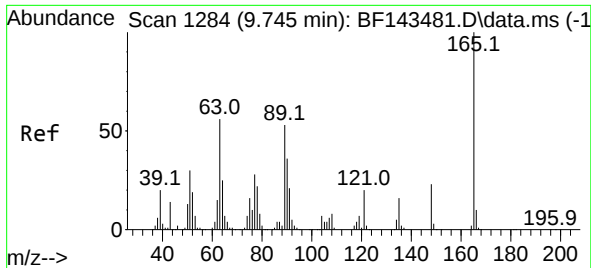
Tgt Ion:152 Resp: 827727
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.4
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 47.038 ng
RT: 9.686 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:163 Resp: 624314
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.0 8.2 12.2

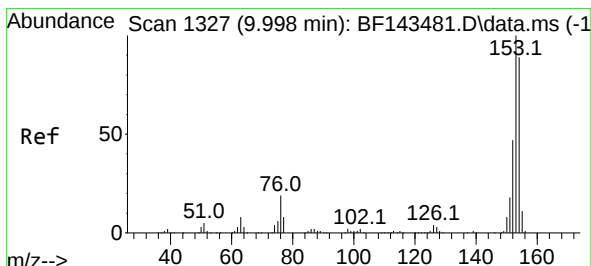
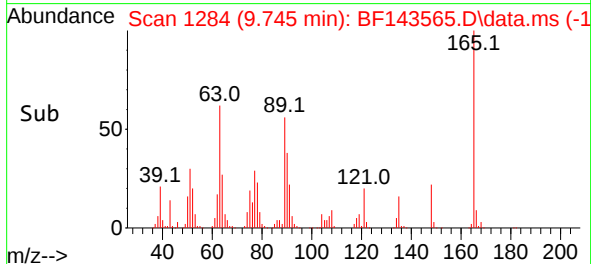
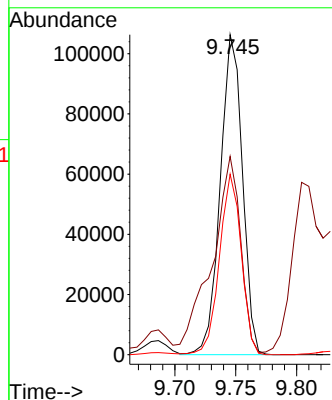
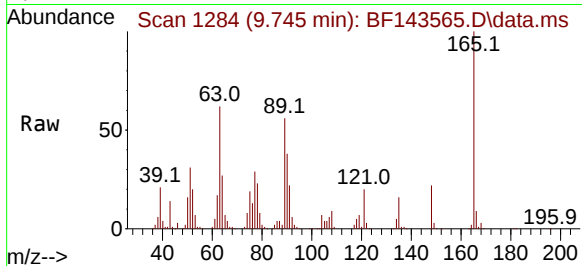




#51
2,6-Dinitrotoluene
Concen: 49.008 ng
RT: 9.745 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

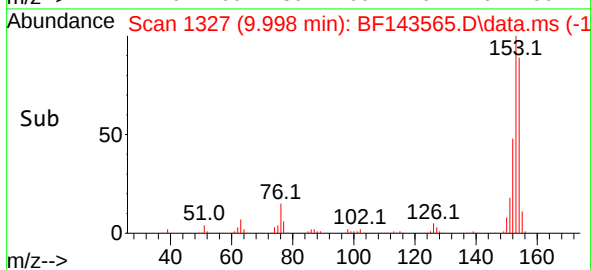
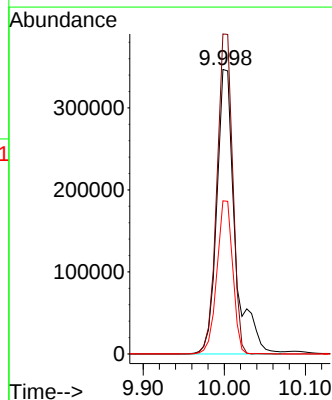
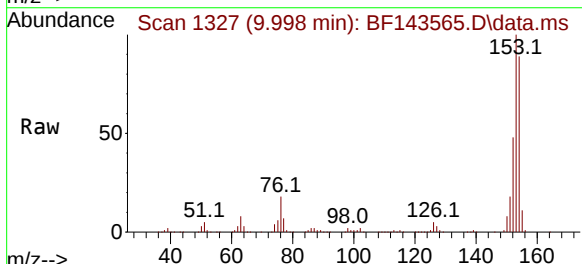
Instrument :
BNA_F
ClientSampleId :
PB169330BS

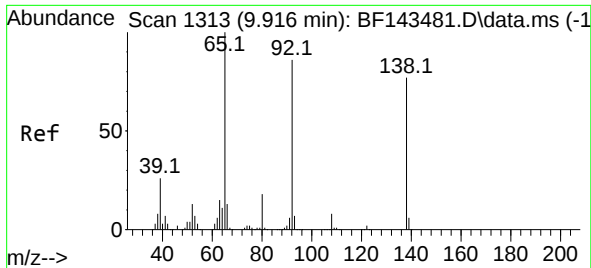
Tgt Ion:165 Resp: 134811
Ion Ratio Lower Upper
165 100
63 61.9 45.0 67.6
89 56.4 42.5 63.7



#52
Acenaphthene
Concen: 45.617 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:154 Resp: 544272
Ion Ratio Lower Upper
154 100
153 112.5 89.5 134.3
152 53.8 42.5 63.7

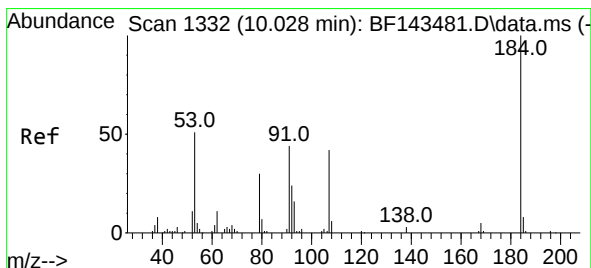
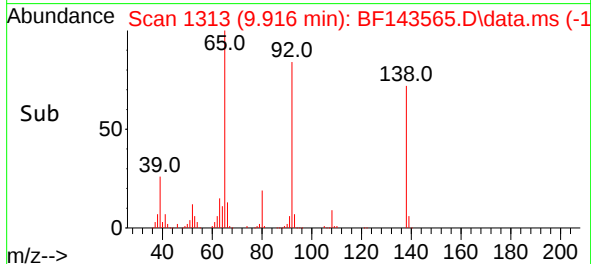
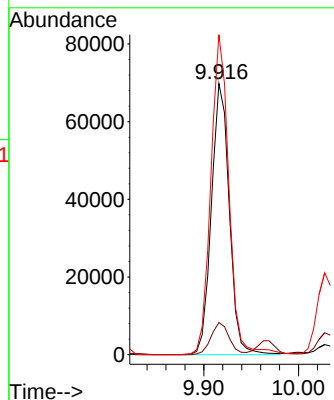
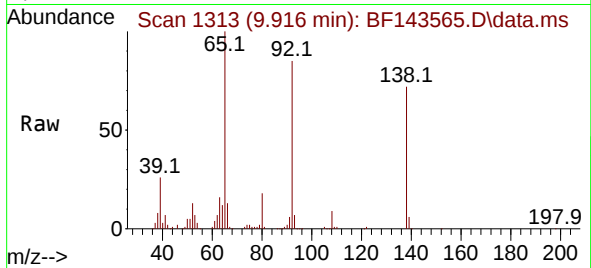




#53
3-Nitroaniline
Concen: 30.801 ng
RT: 9.916 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

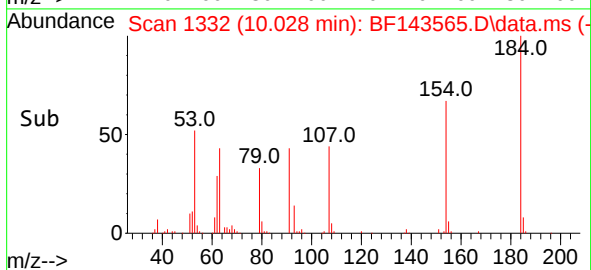
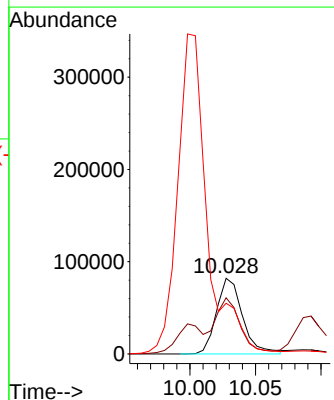
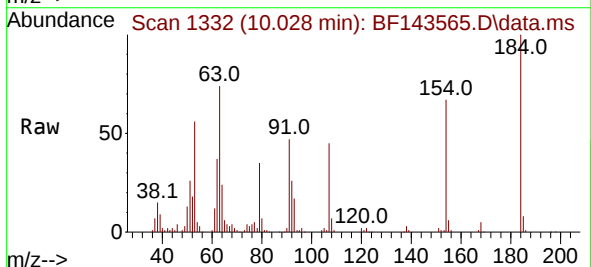
Instrument :
BNA_F
ClientSampleId :
PB169330BS

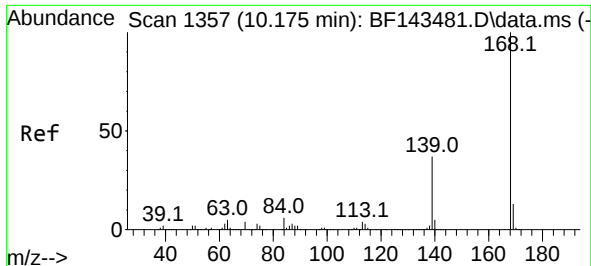
Tgt Ion:138 Resp: 91552
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 118.0 89.8 134.8



#54
2,4-Dinitrophenol
Concen: 77.240 ng
RT: 10.028 min Scan# 1332
Delta R.T. -0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:184 Resp: 113338
Ion Ratio Lower Upper
184 100
63 74.1 52.6 78.8
154 67.1 51.0 76.4

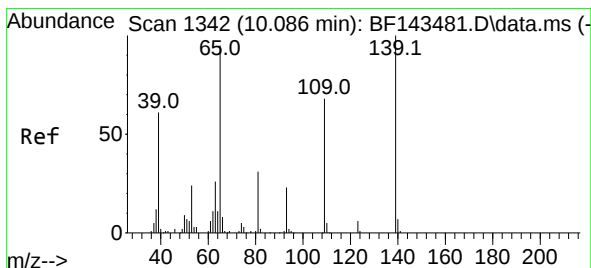
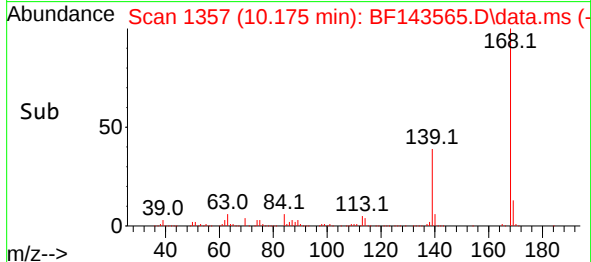
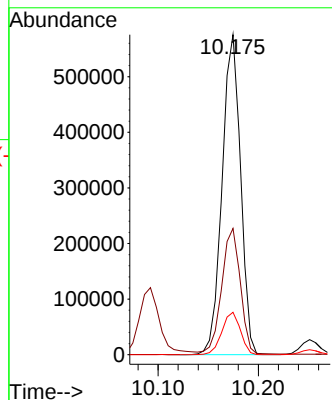
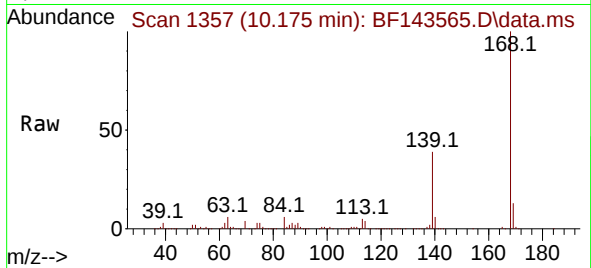




#55
Dibenzofuran
Concen: 43.206 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

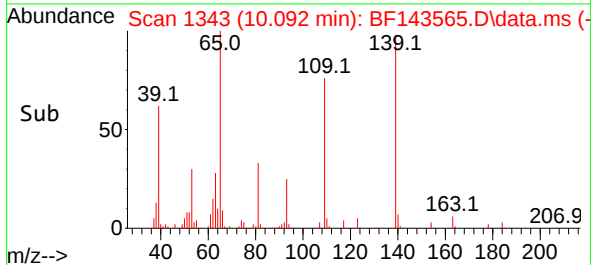
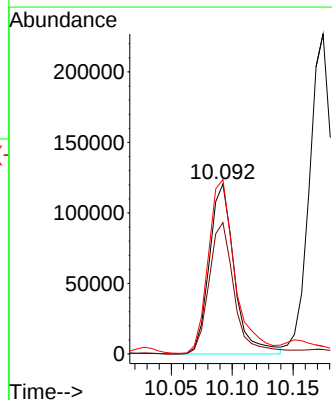
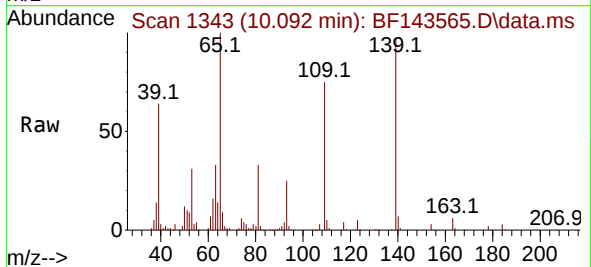
Instrument :
BNA_F
ClientSampleId :
PB169330BS

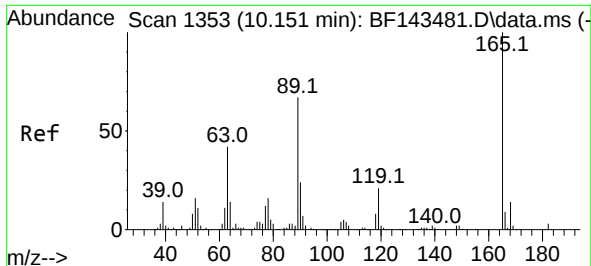
Tgt Ion:168 Resp: 734966
Ion Ratio Lower Upper
168 100
139 39.4 29.8 44.6
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 97.629 ng
RT: 10.092 min Scan# 1343
Delta R.T. 0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:139 Resp: 172666
Ion Ratio Lower Upper
139 100
109 77.3 48.2 88.2
65 102.6 75.8 115.8



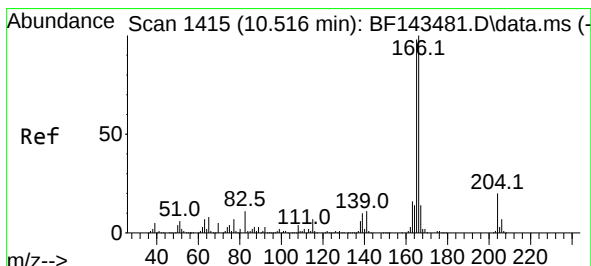
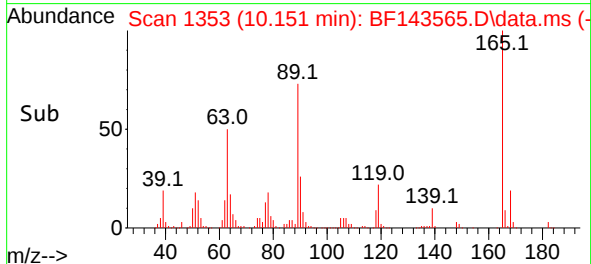
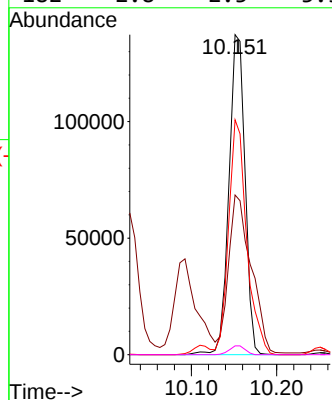
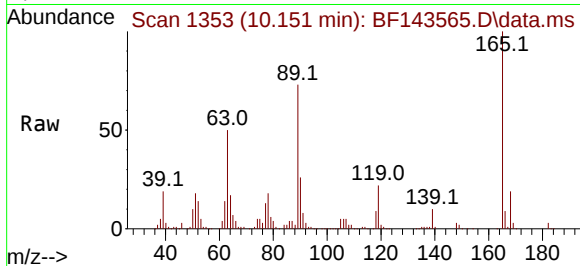


#57
2,4-Dinitrotoluene
Concen: 49.032 ng
RT: 10.151 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:165 Resp: 180096

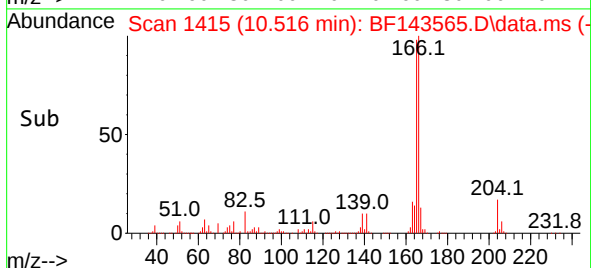
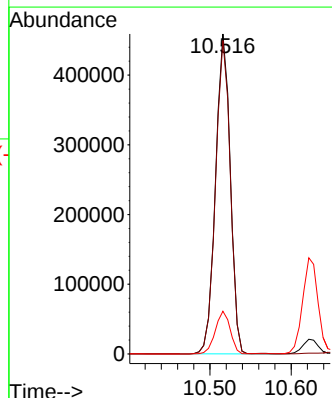
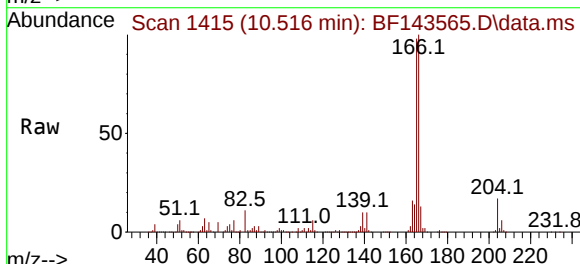
Ion	Ratio	Lower	Upper
165	100		
63	49.9	34.9	52.3
89	73.4	53.3	79.9
182	2.8	2.3	3.5

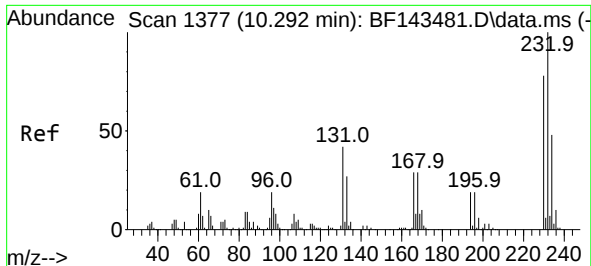


#58
Fluorene
Concen: 44.230 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:166 Resp: 579075

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.3	117.5
167	13.3	11.0	16.4

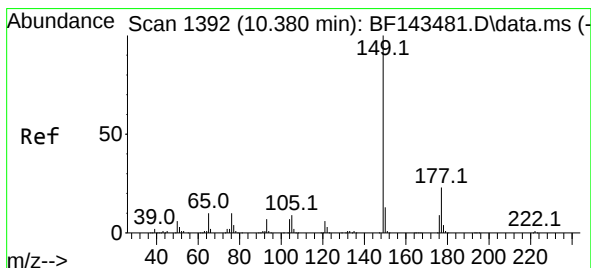
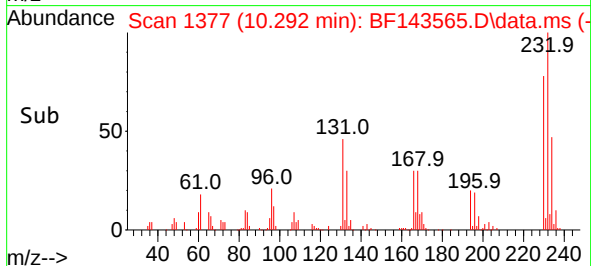
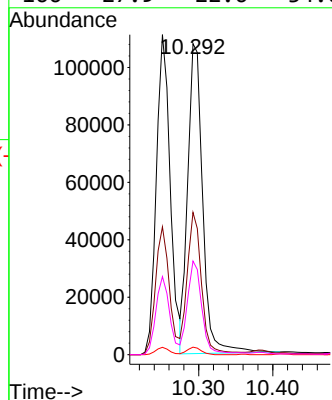
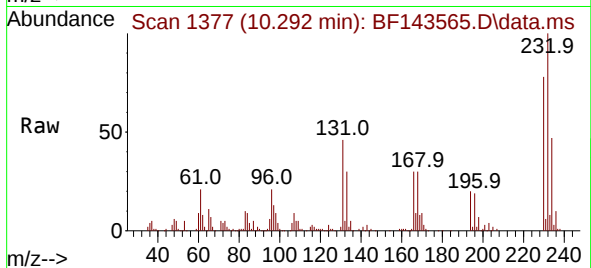




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.035 ng
RT: 10.292 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

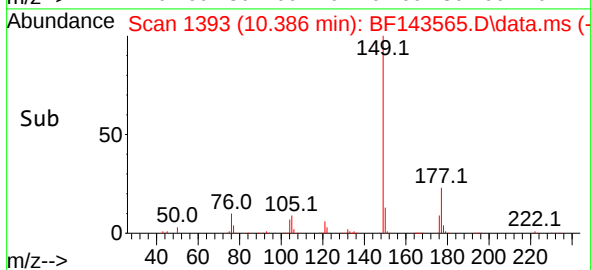
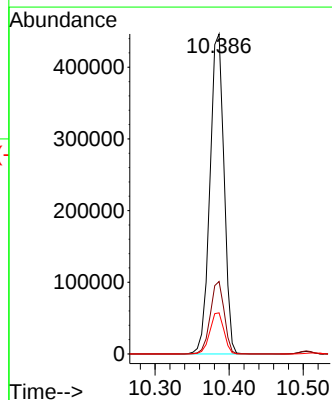
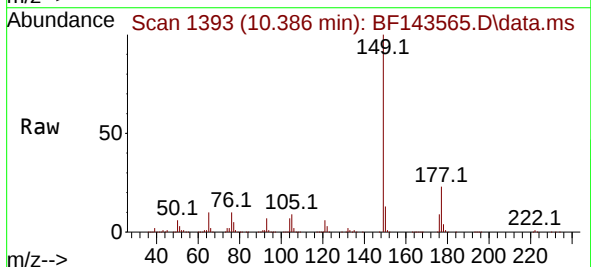
Instrument :
BNA_F
ClientSampleId :
PB169330BS

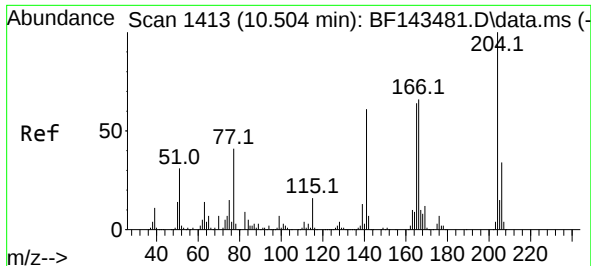
Tgt Ion:232 Resp: 151199
Ion Ratio Lower Upper
232 100
131 43.4 32.7 49.1
130 2.3 1.6 2.4
166 27.9 22.6 34.0



#60
Diethylphthalate
Concen: 49.505 ng
RT: 10.386 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:149 Resp: 589094
Ion Ratio Lower Upper
149 100
177 22.7 18.3 27.5
150 12.8 10.3 15.5

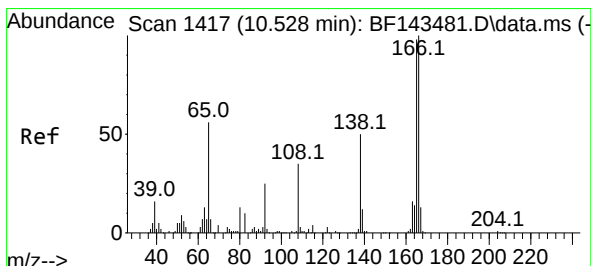
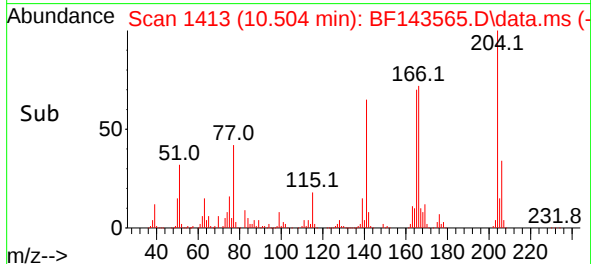
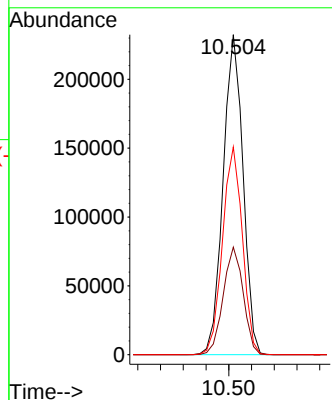
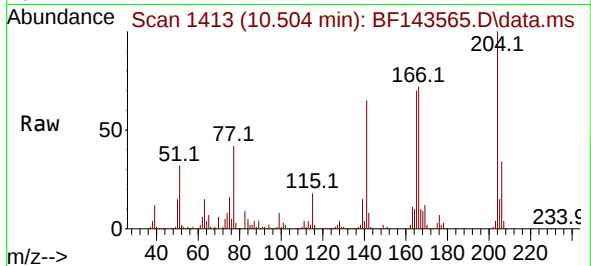




#61
4-Chlorophenyl-phenylether
Concen: 43.178 ng
RT: 10.504 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

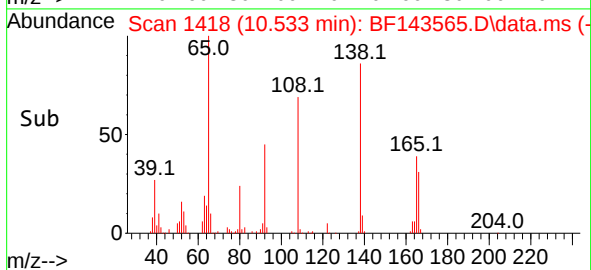
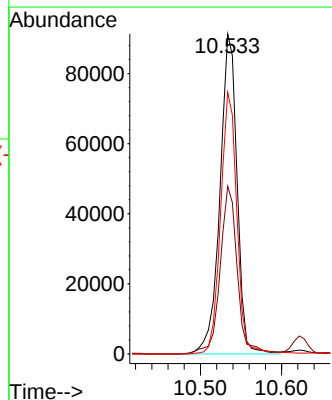
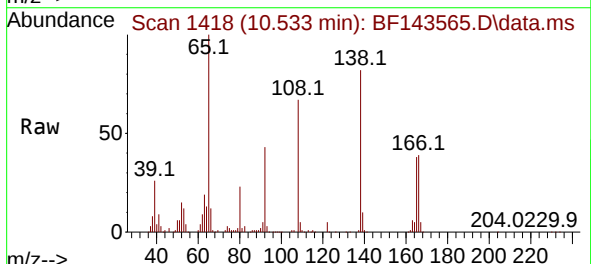
Instrument :
BNA_F
ClientSampleId :
PB169330BS

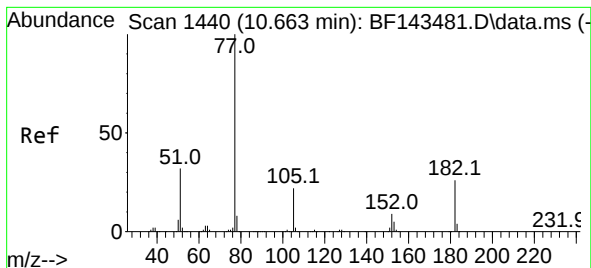
Tgt Ion:204 Resp: 282715
Ion Ratio Lower Upper
204 100
206 33.6 27.0 40.4
141 64.9 48.7 73.1



#62
4-Nitroaniline
Concen: 49.251 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:138 Resp: 134467
Ion Ratio Lower Upper
138 100
92 52.4 29.3 69.3
108 81.8 50.7 90.7

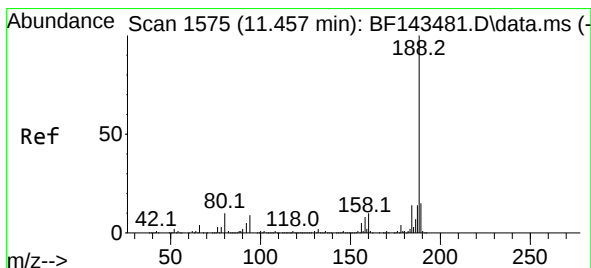
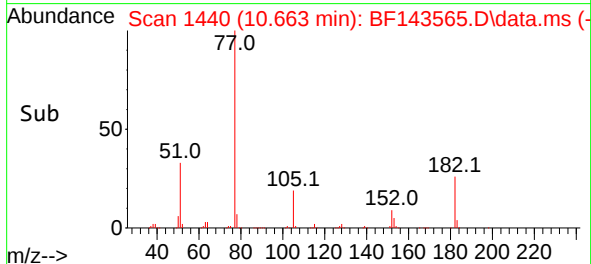
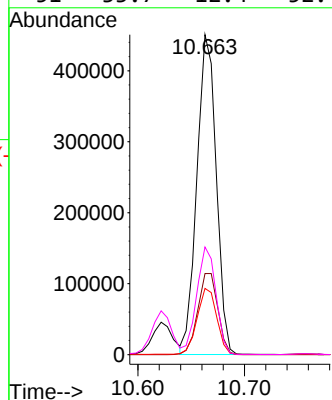
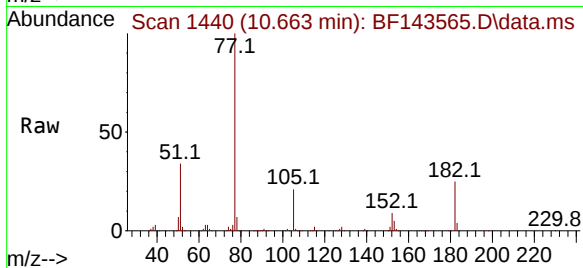




#63
Azobenzene
Concen: 46.270 ng
RT: 10.663 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

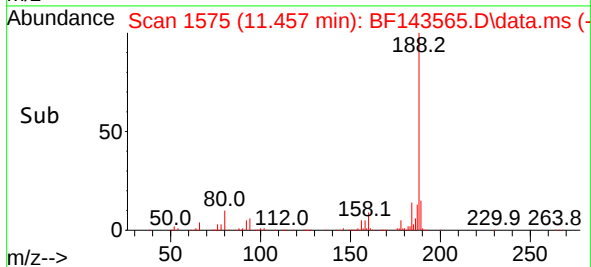
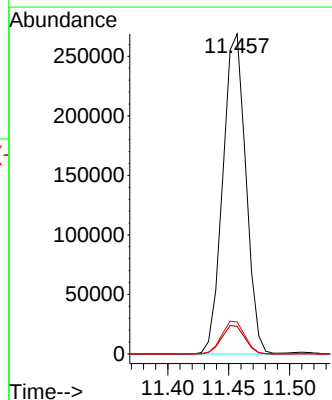
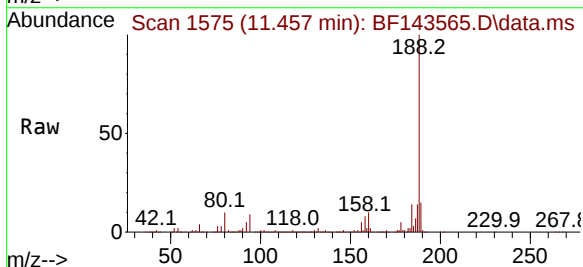
Instrument :
BNA_F
ClientSampleId :
PB169330BS

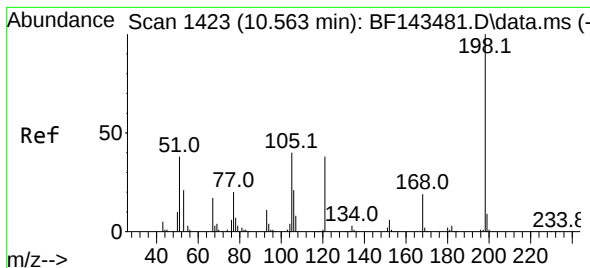
Tgt Ion: 77	Resp: 570913
Ion Ratio	Lower Upper
77 100	
182 25.3	6.2 46.2
105 20.7	2.2 42.2
51 33.7	12.4 52.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:188	Resp: 354024		
Ion Ratio	Lower	Upper	
188 100			
94 8.7	7.4	11.2	
80 10.0	8.2	12.4	

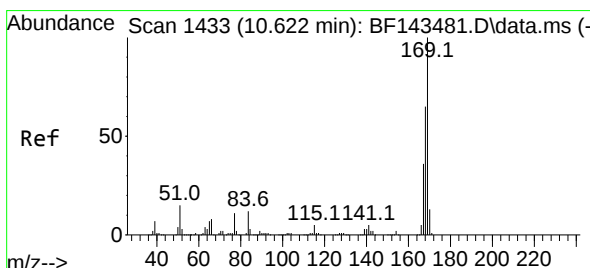
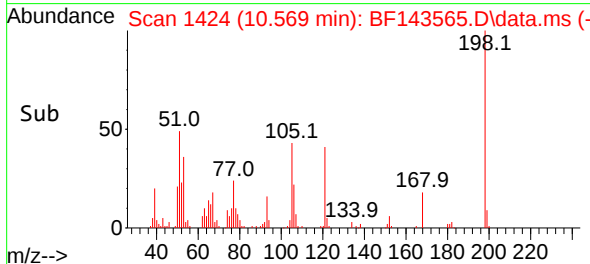
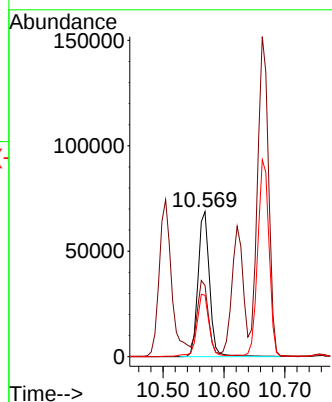
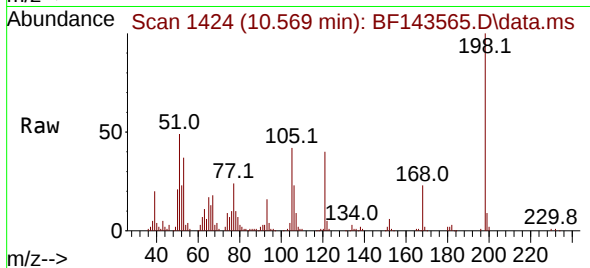




#65
4,6-Dinitro-2-methylphenol
Concen: 45.169 ng
RT: 10.569 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

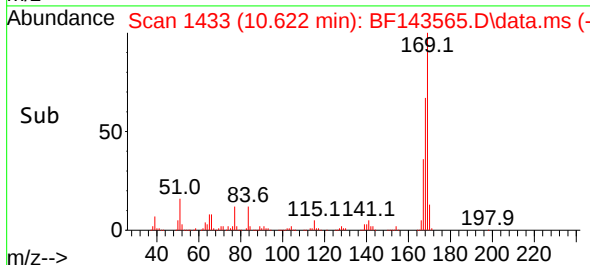
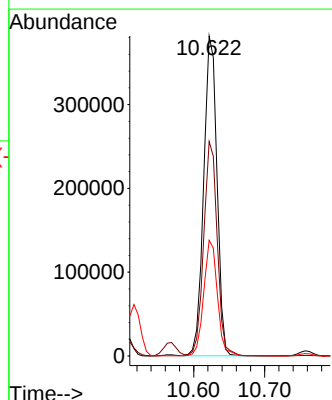
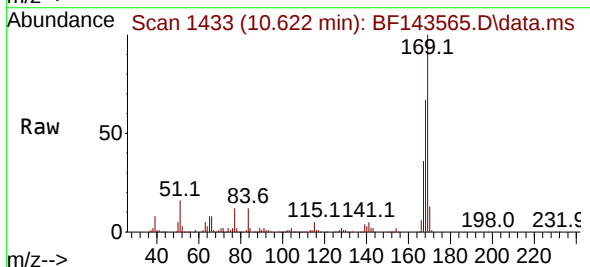
Instrument :
BNA_F
ClientSampleId :
PB169330BS

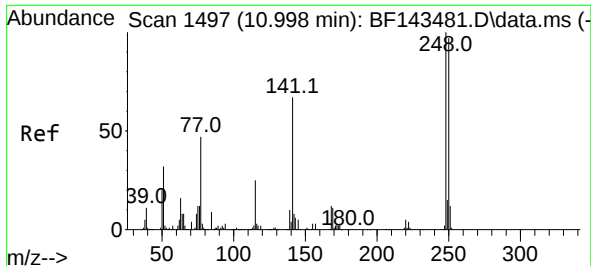
Tgt Ion:198 Resp: 90164
Ion Ratio Lower Upper
198 100
51 49.1 29.6 69.6
105 42.3 21.5 61.5



#66
n-Nitrosodiphenylamine
Concen: 43.698 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

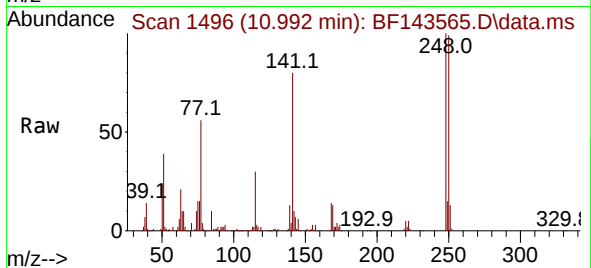
Tgt Ion:169 Resp: 497854
Ion Ratio Lower Upper
169 100
168 67.0 52.4 78.6
167 36.1 28.9 43.3



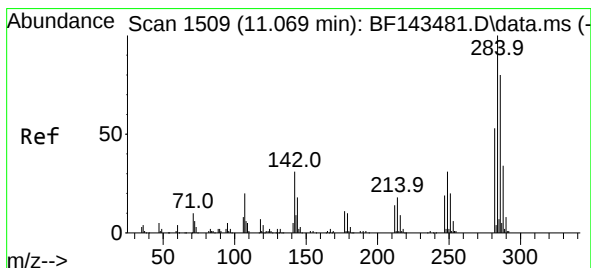
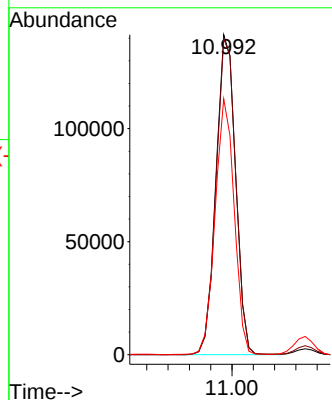
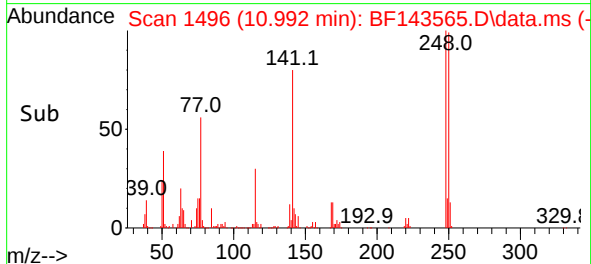


#67
4-Bromophenyl-phenylether
Concen: 42.751 ng
RT: 10.992 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB169330BS

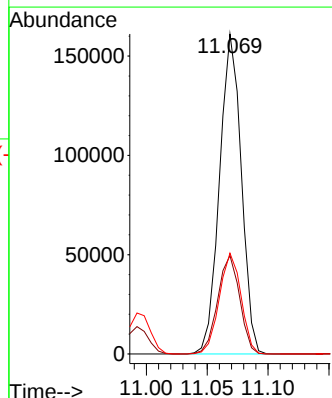
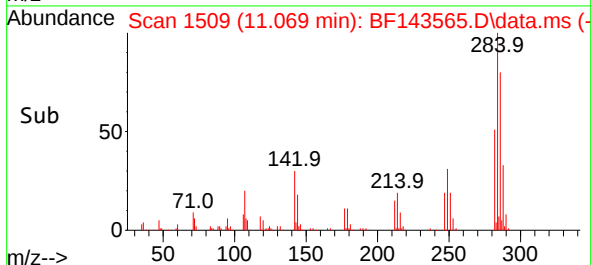
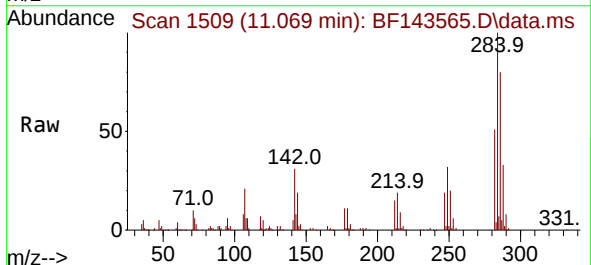


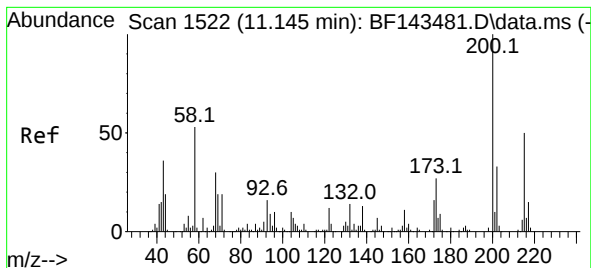
Tgt Ion:248 Resp: 180581
Ion Ratio Lower Upper
248 100
250 98.7 77.8 116.8
141 80.0 54.0 81.0



#68
Hexachlorobenzene
Concen: 44.025 ng
RT: 11.069 min Scan# 1509
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:284 Resp: 200456
Ion Ratio Lower Upper
284 100
142 30.7 24.4 36.6
249 31.5 25.0 37.6





#69

Atrazine

Concen: 56.064 ng

RT: 11.151 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

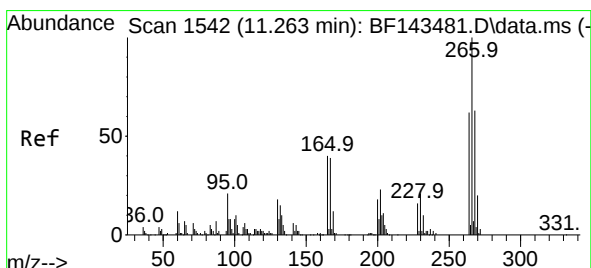
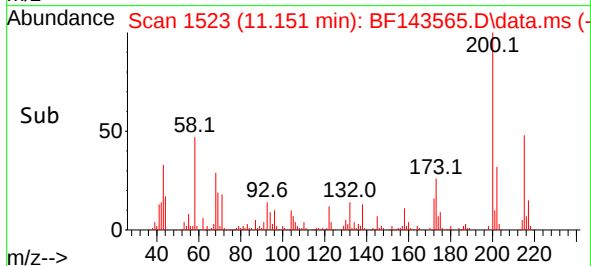
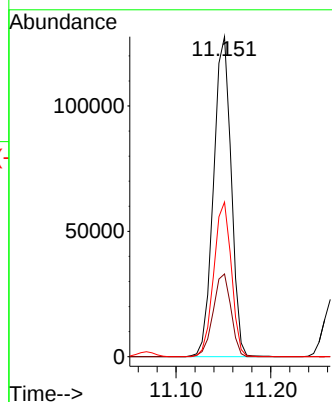
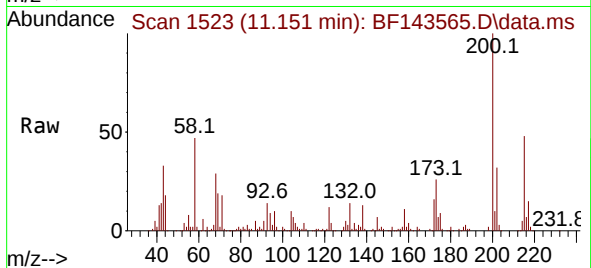
Tgt Ion:200 Resp: 164883

Ion Ratio Lower Upper

200 100

173 25.8 6.9 46.9

215 48.3 30.0 70.0



#70

Pentachlorophenol

Concen: 92.148 ng

RT: 11.269 min Scan# 1543

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

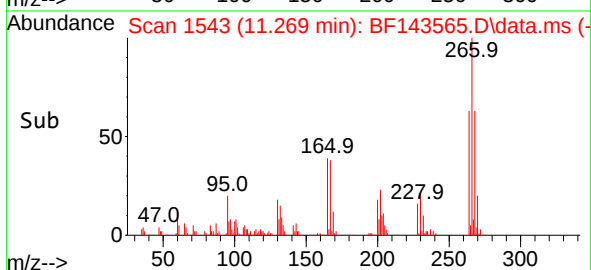
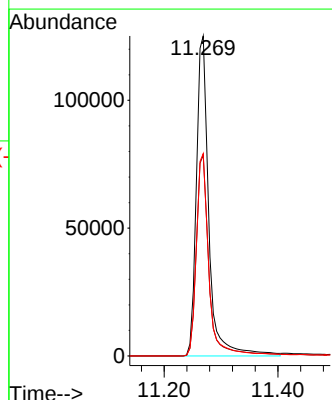
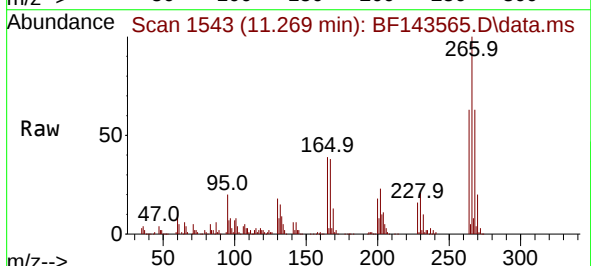
Tgt Ion:266 Resp: 192156

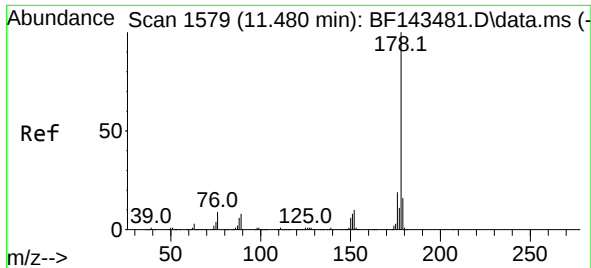
Ion Ratio Lower Upper

266 100

268 62.8 50.5 75.7

264 63.2 49.8 74.8

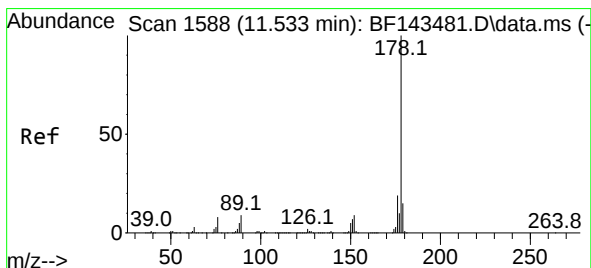
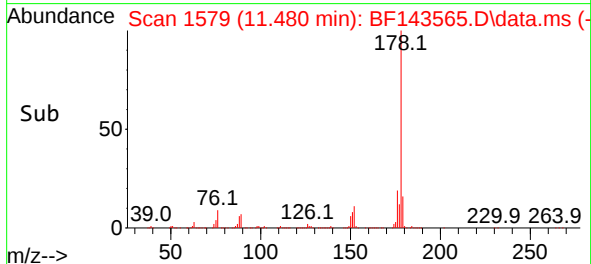
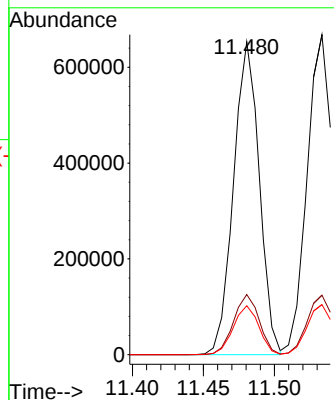
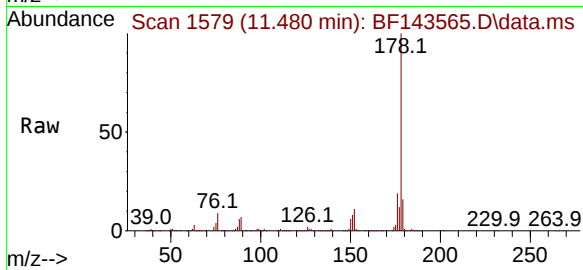




#71
Phenanthrene
Concen: 43.439 ng
RT: 11.480 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

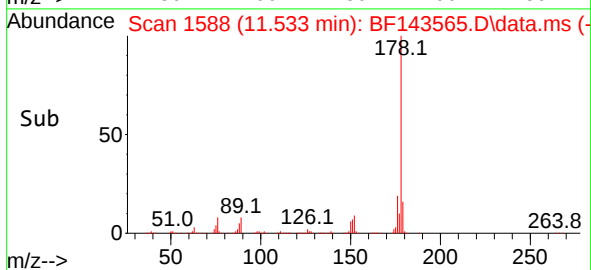
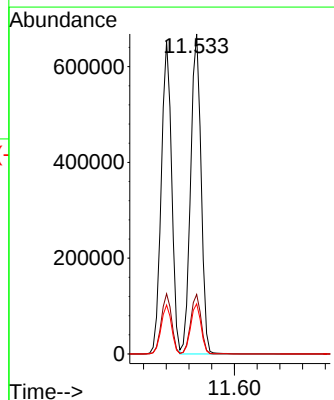
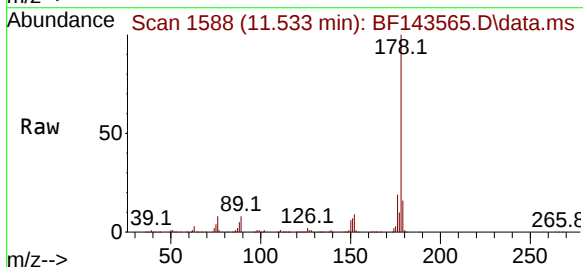
Instrument :
BNA_F
ClientSampleId :
PB169330BS

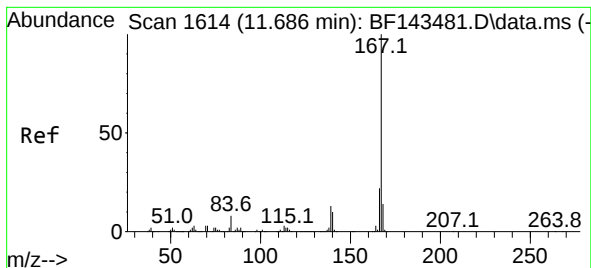
Tgt Ion:178 Resp: 823531
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 15.7 12.5 18.7



#72
Anthracene
Concen: 44.404 ng
RT: 11.533 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:178 Resp: 852816
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.6 12.3 18.5





#73

Carbazole

Concen: 46.304 ng

RT: 11.686 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

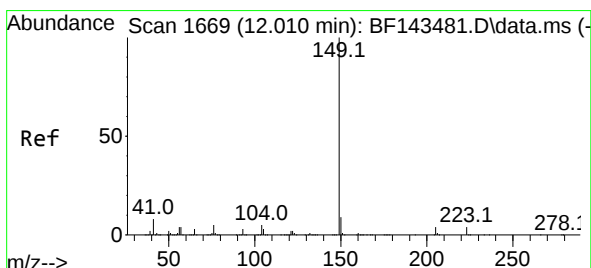
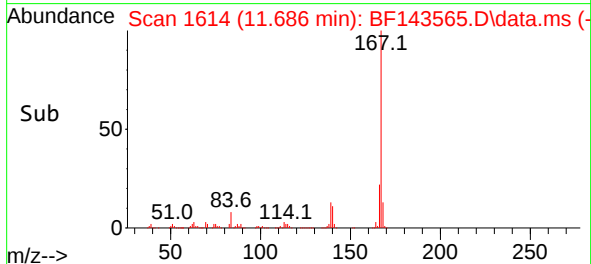
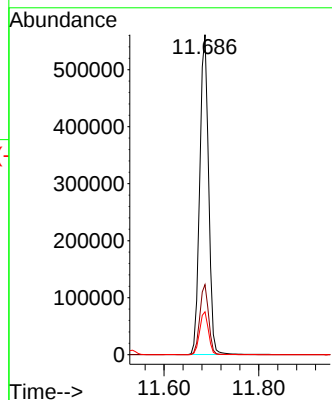
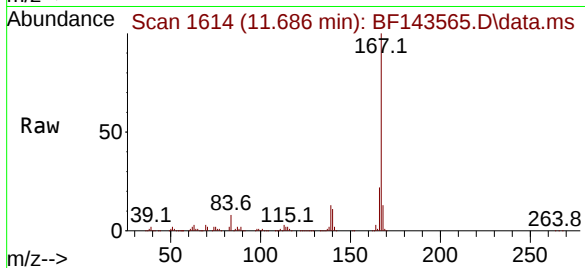
Tgt Ion:167 Resp: 728699

Ion Ratio Lower Upper

167 100

166 21.9 17.3 25.9

139 13.4 10.0 15.0



#74

Di-n-butylphthalate

Concen: 58.086 ng

RT: 12.010 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

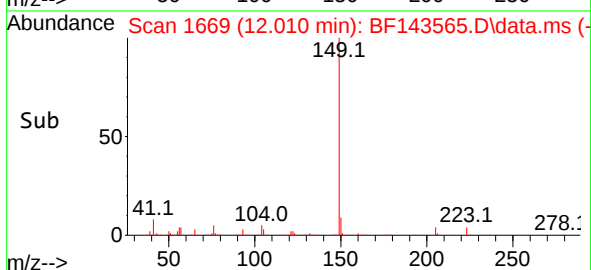
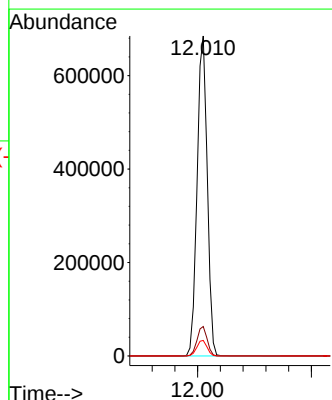
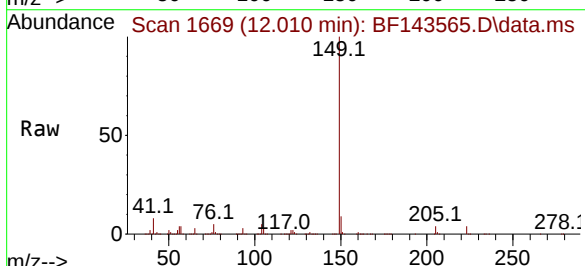
Tgt Ion:149 Resp: 852762

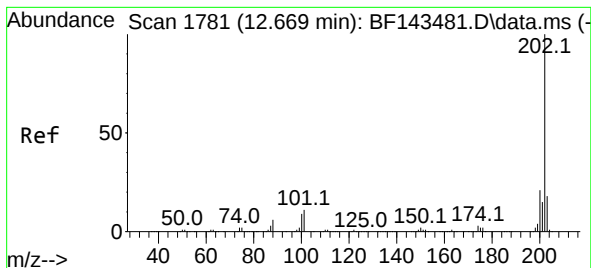
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 4.9 3.6 5.4





#75

Fluoranthene

Concen: 47.208 ng

RT: 12.669 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

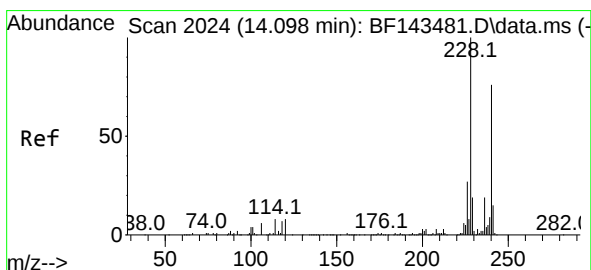
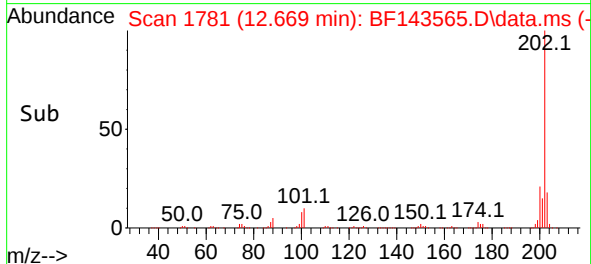
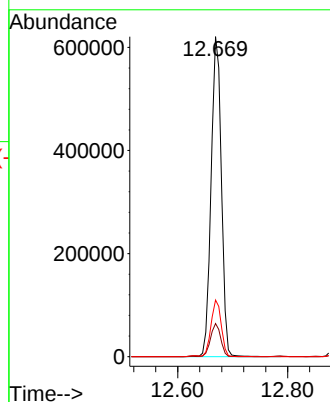
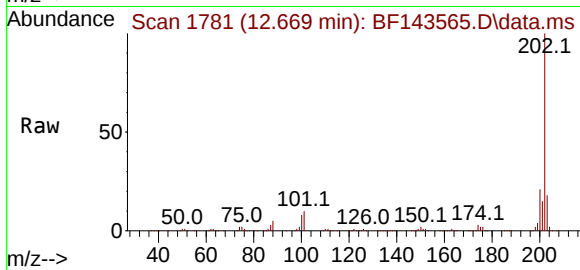
Tgt Ion:202 Resp: 803075

Ion Ratio Lower Upper

202 100

101 10.4 0.0 31.3

203 17.7 0.0 37.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.098 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

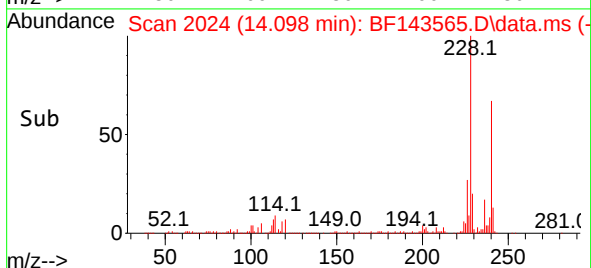
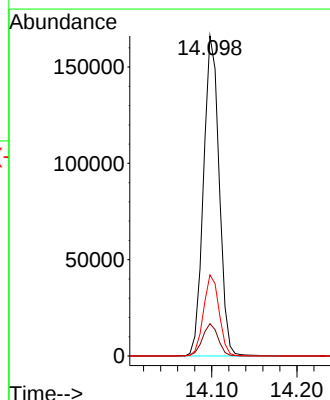
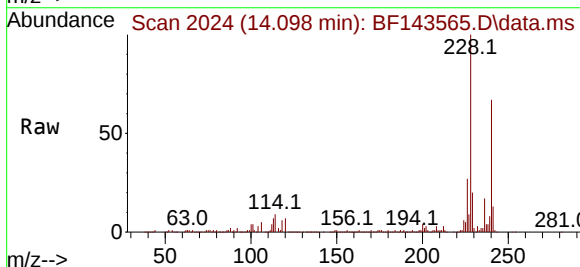
Tgt Ion:240 Resp: 211918

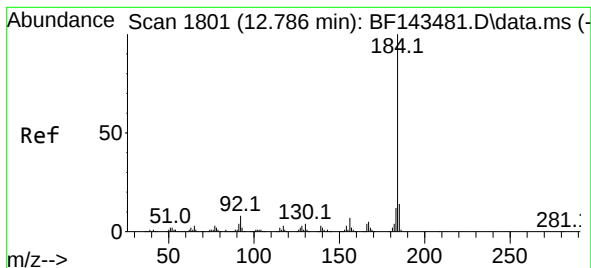
Ion Ratio Lower Upper

240 100

120 10.1 8.6 12.8

236 25.4 20.4 30.6





#77

Benzidine

Concen: 49.987 ng

RT: 12.786 min Scan# 1801

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

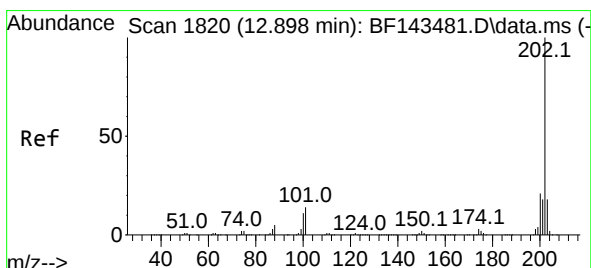
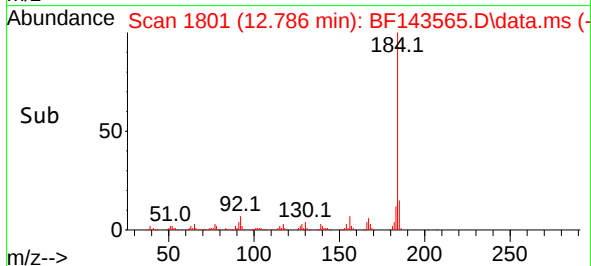
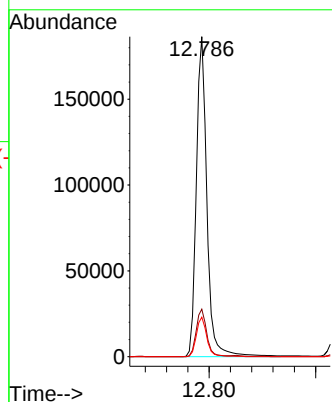
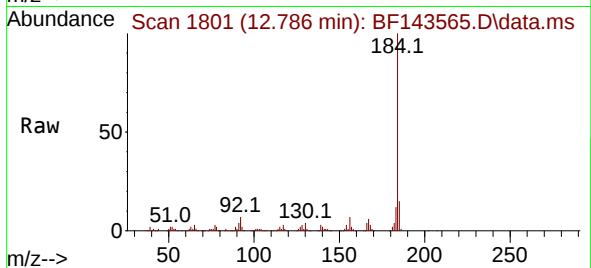
Tgt Ion:184 Resp: 258033

Ion Ratio Lower Upper

184 100

185 14.8 11.3 16.9

183 12.4 9.5 14.3



#78

Pyrene

Concen: 45.402 ng

RT: 12.898 min Scan# 1820

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

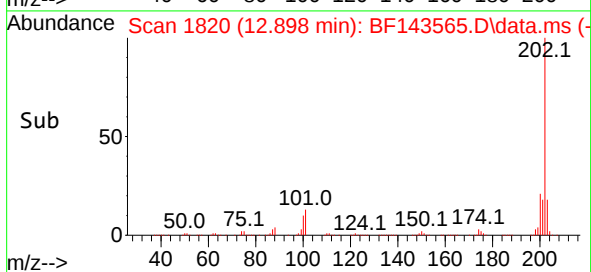
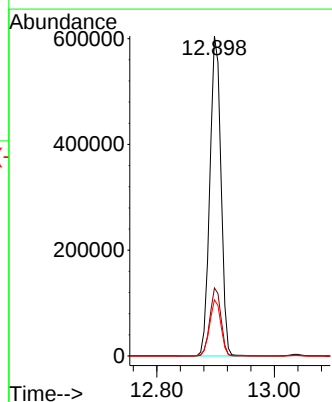
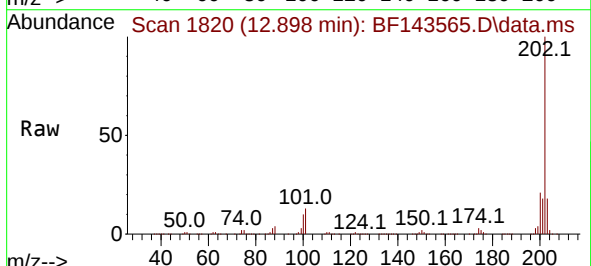
Tgt Ion:202 Resp: 791447

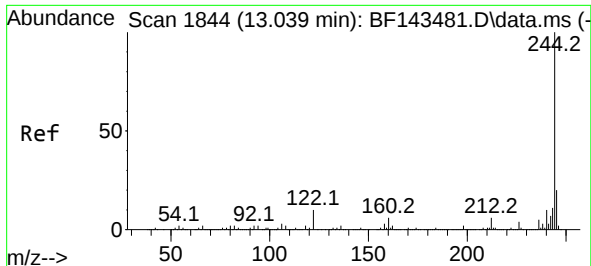
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.6 14.3 21.5

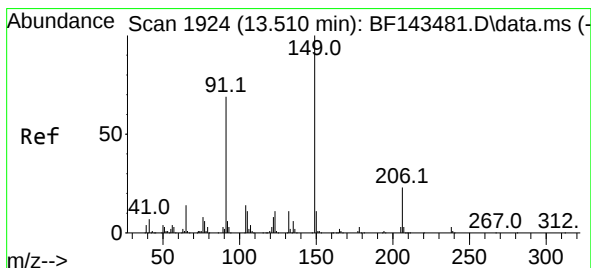
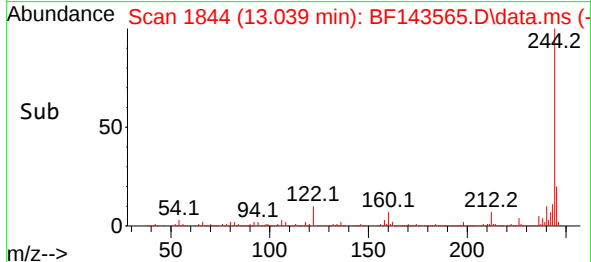
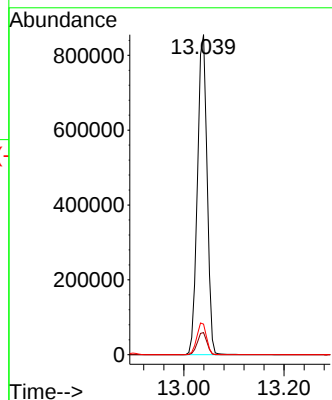
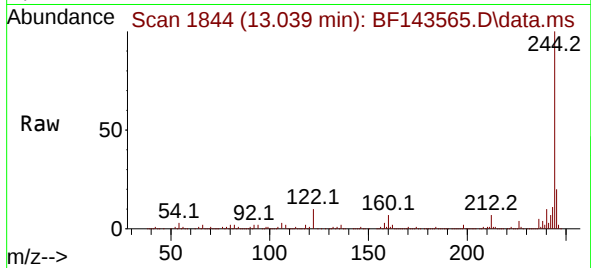




#79
 Terphenyl-d14
 Concen: 93.659 ng
 RT: 13.039 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: BF143565.D
 Acq: 22 Aug 2025 11:27

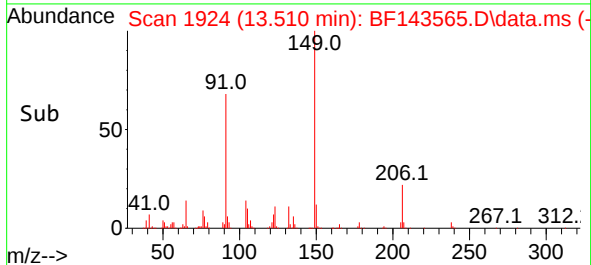
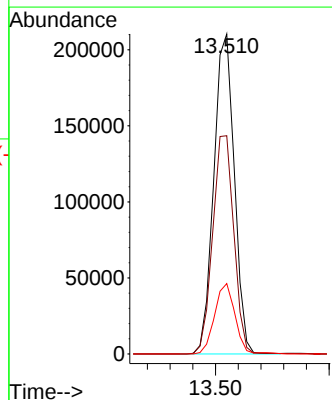
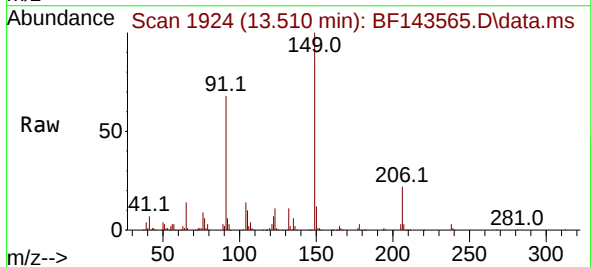
Instrument :
 BNA_F
 ClientSampleId :
 PB169330BS

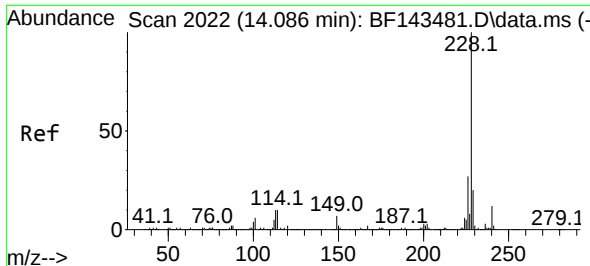
Tgt Ion:244 Resp: 1137401
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.2 7.8
 122 9.6 7.9 11.9



#80
 Butylbenzylphthalate
 Concen: 55.486 ng
 RT: 13.510 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: BF143565.D
 Acq: 22 Aug 2025 11:27

Tgt Ion:149 Resp: 264231
 Ion Ratio Lower Upper
 149 100
 91 68.2 55.3 82.9
 206 22.0 18.2 27.4

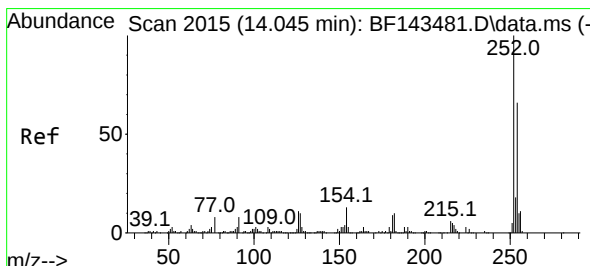
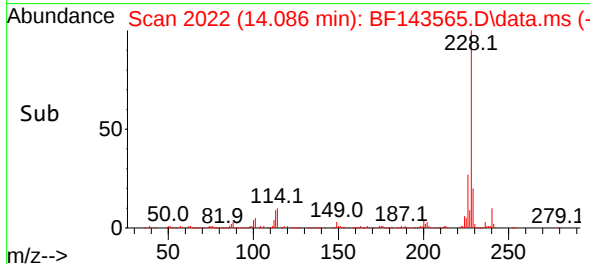
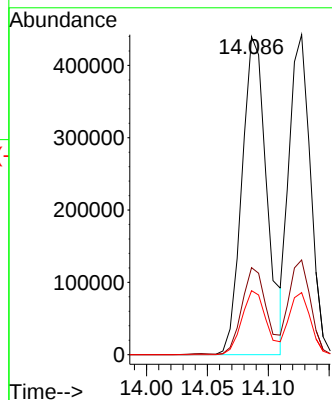
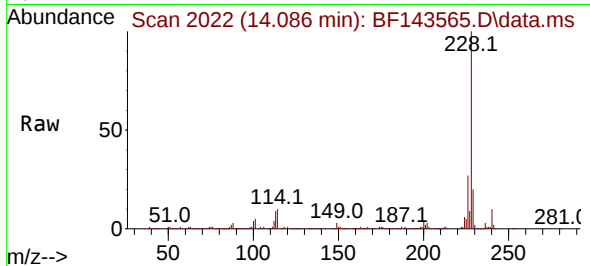




#81
Benzo(a)anthracene
Concen: 45.930 ng
RT: 14.086 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

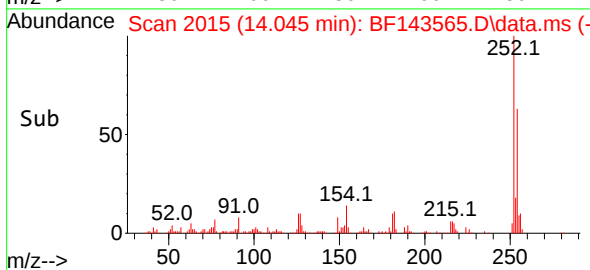
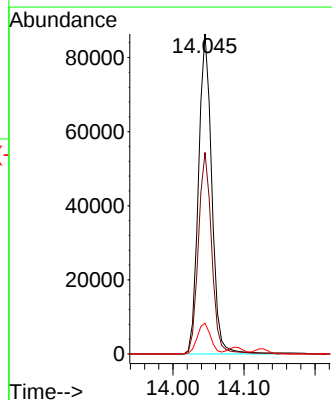
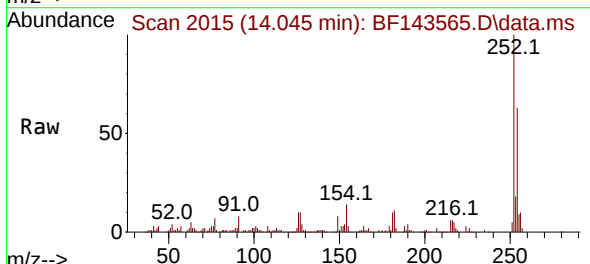
Instrument :
BNA_F
ClientSampleId :
PB169330BS

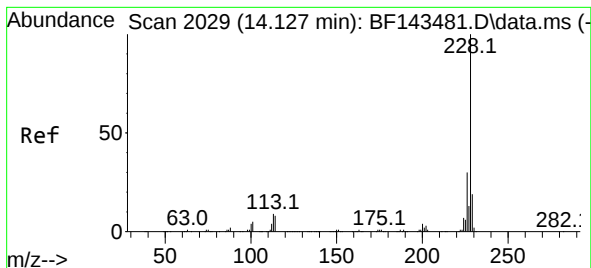
Tgt Ion:228 Resp: 626650
Ion Ratio Lower Upper
228 100
226 27.4 21.7 32.5
229 20.1 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 28.859 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:252 Resp: 112759
Ion Ratio Lower Upper
252 100
254 63.0 52.6 79.0
126 9.6 8.7 13.1





#83

Chrysene

Concen: 43.925 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

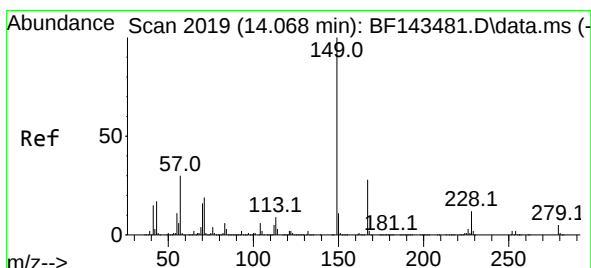
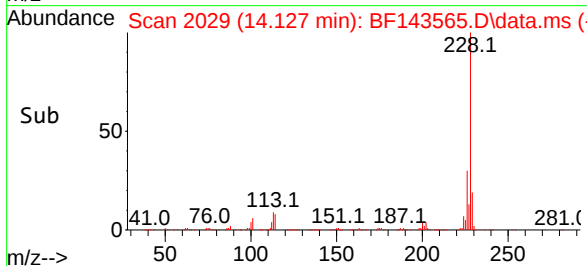
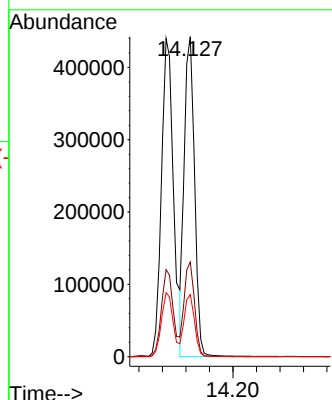
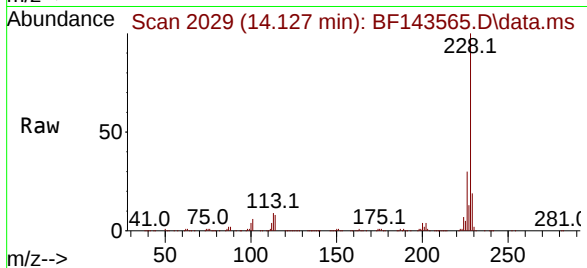
Tgt Ion:228 Resp: 538557

Ion Ratio Lower Upper

228 100

226 29.6 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.002 ng

RT: 14.069 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

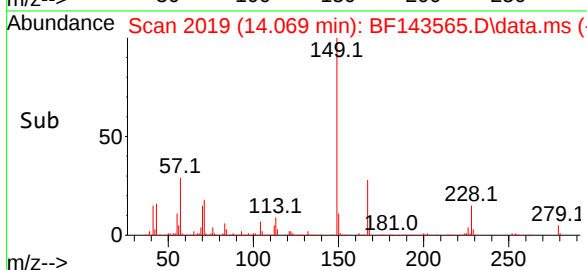
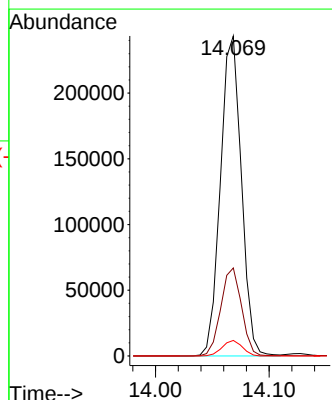
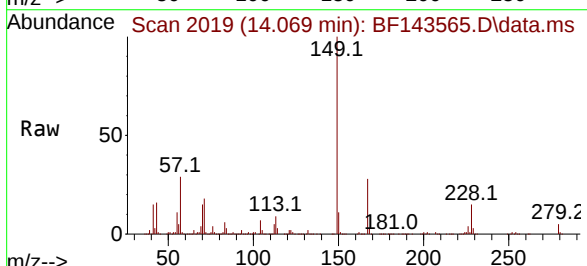
Tgt Ion:149 Resp: 311892

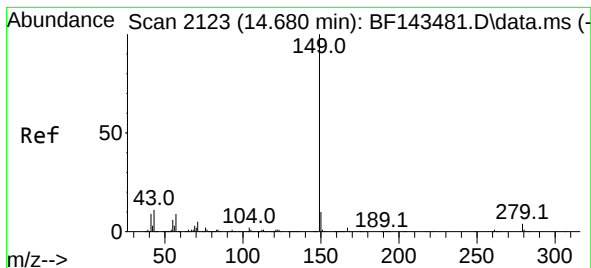
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.2

279 4.9 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 39.419 ng

RT: 14.680 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

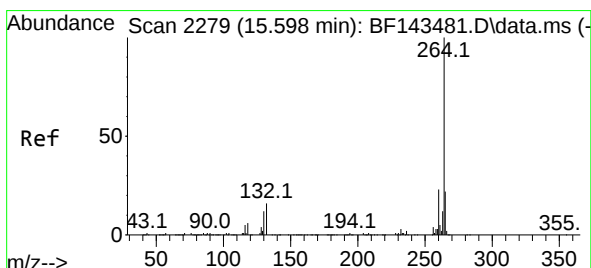
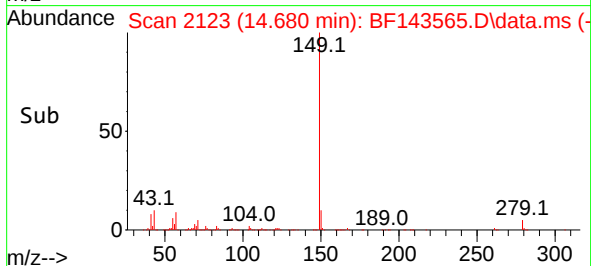
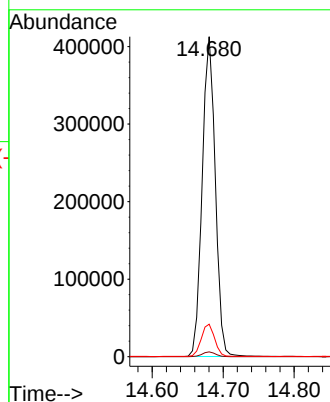
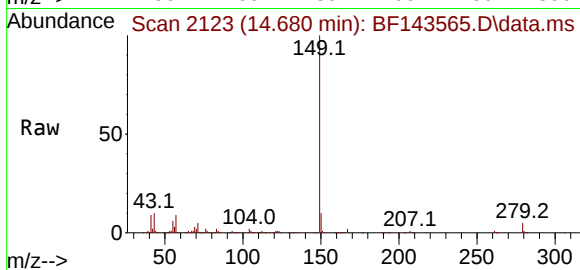
Tgt Ion:149 Resp: 529652

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.2 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: BF143565.D

Acq: 22 Aug 2025 11:27

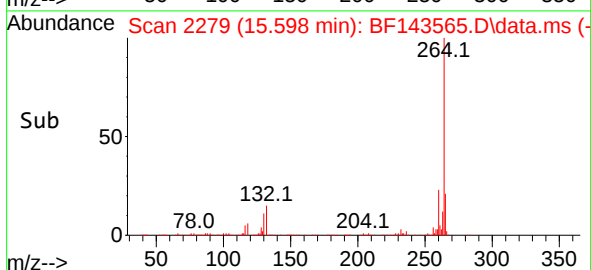
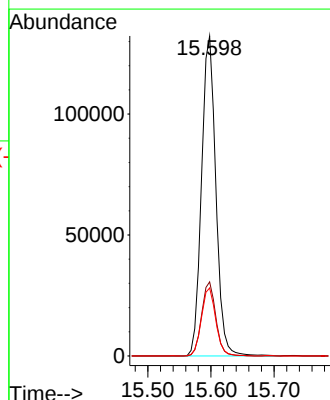
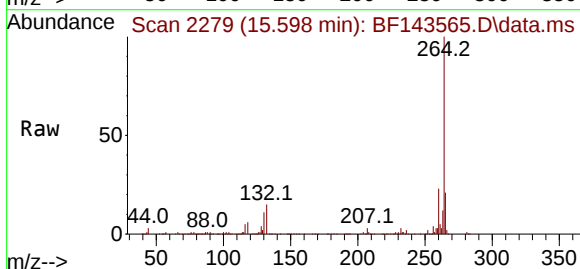
Tgt Ion:264 Resp: 208497

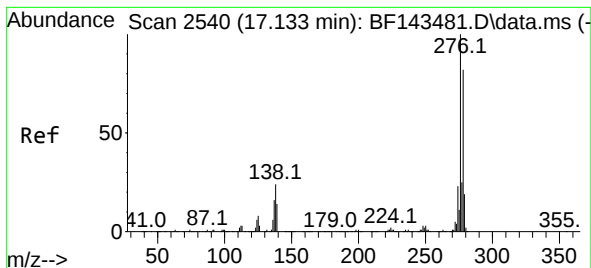
Ion Ratio Lower Upper

264 100

260 23.1 18.7 28.1

265 21.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.930 ng

RT: 17.133 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

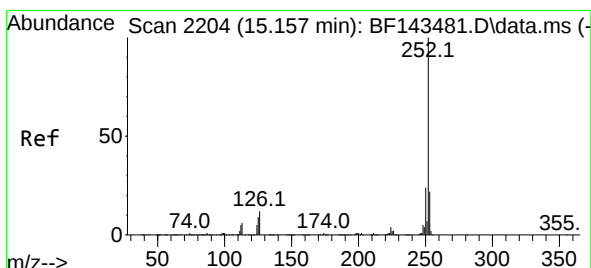
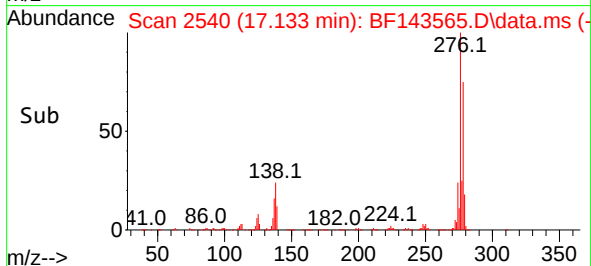
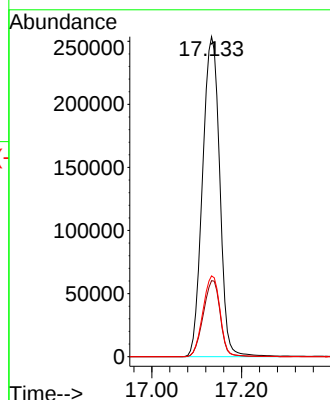
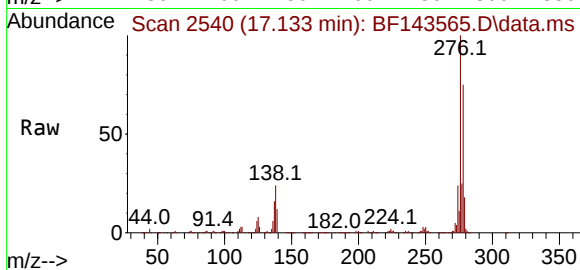
Tgt Ion:276 Resp: 673168

Ion Ratio Lower Upper

276 100

138 23.5 19.2 28.8

277 25.3 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.616 ng

RT: 15.157 min Scan# 2204

Delta R.T. 0.000 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

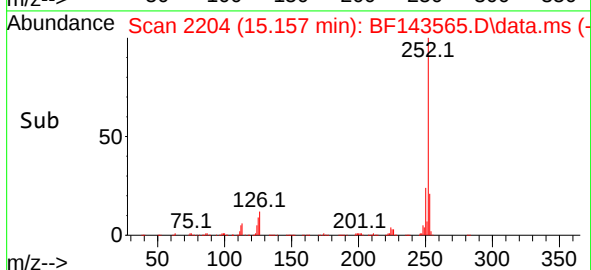
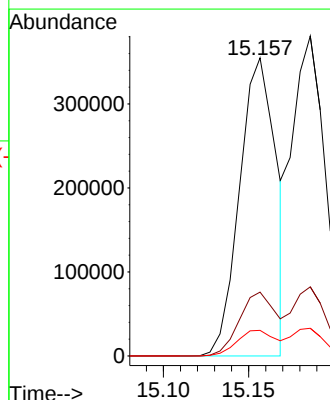
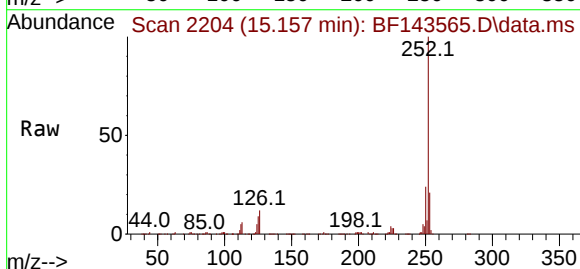
Tgt Ion:252 Resp: 528666

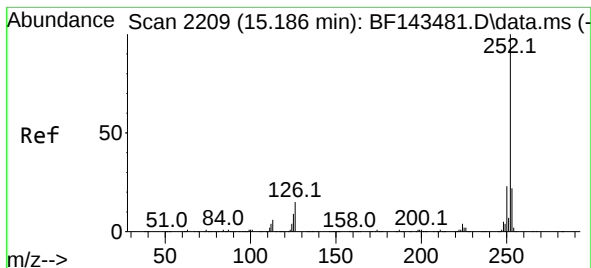
Ion Ratio Lower Upper

252 100

253 21.4 17.5 26.3

125 8.6 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 47.211 ng

RT: 15.186 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

Instrument :

BNA_F

ClientSampleId :

PB169330BS

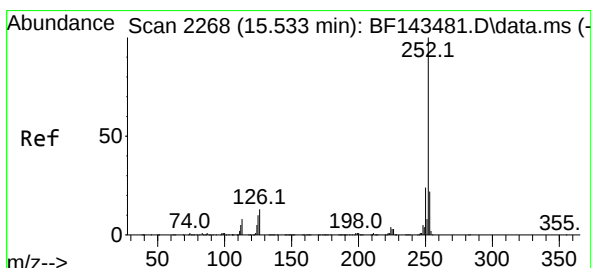
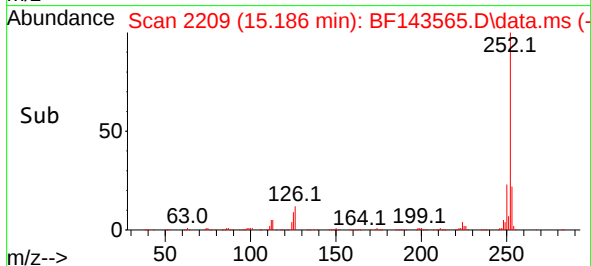
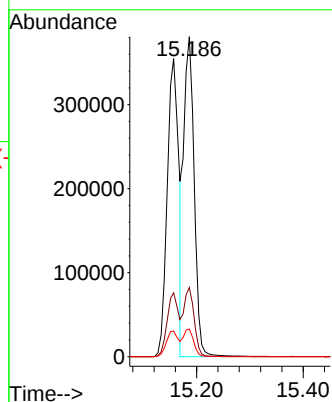
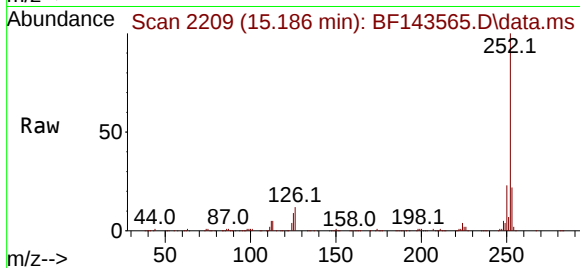
Tgt Ion:252 Resp: 523881

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.2

125 8.6 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.608 ng

RT: 15.533 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF143565.D

Acq: 22 Aug 2025 11:27

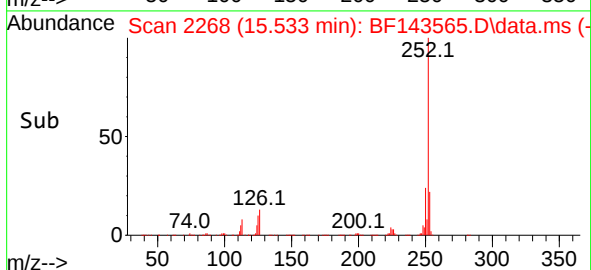
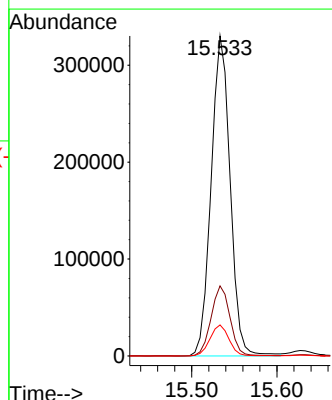
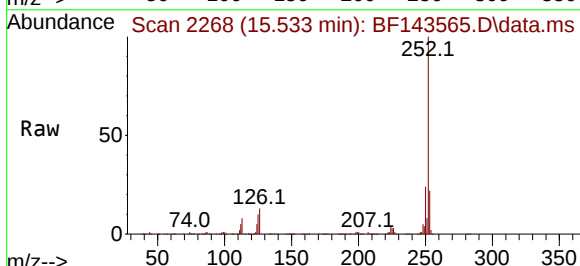
Tgt Ion:252 Resp: 512150

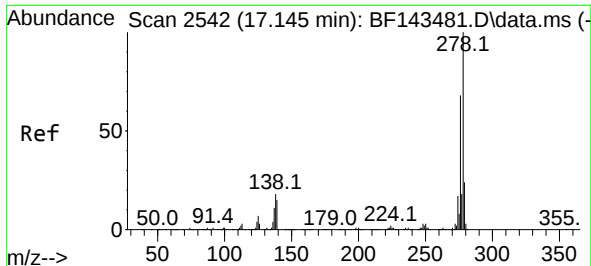
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 9.7 8.2 12.2



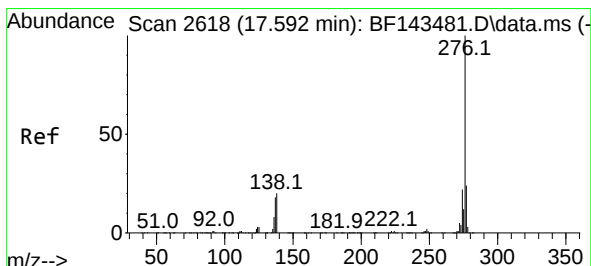
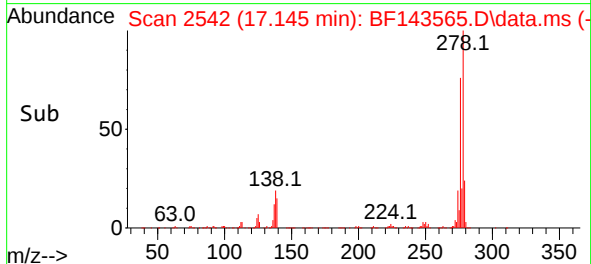
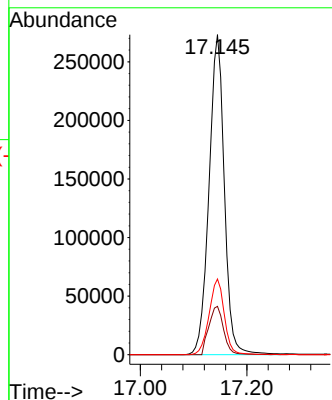
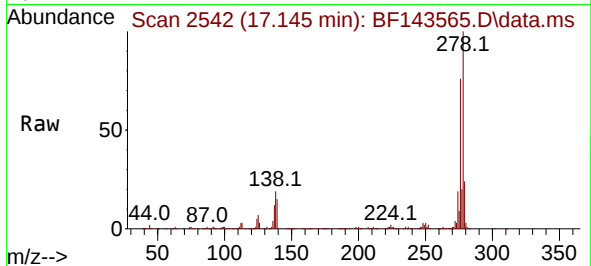


#91
Dibenzo(a,h)anthracene
Concen: 45.452 ng
RT: 17.145 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Instrument :
BNA_F
ClientSampleId :
PB169330BS

Tgt Ion:278 Resp: 545393

Ion	Ratio	Lower	Upper
278	100		
139	15.1	12.1	18.1
279	23.7	19.2	28.8



#92
Benzo(g,h,i)perylene
Concen: 46.097 ng
RT: 17.598 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF143565.D
Acq: 22 Aug 2025 11:27

Tgt Ion:276 Resp: 550013

Ion	Ratio	Lower	Upper
276	100		
277	23.2	18.9	28.3
138	19.1	16.3	24.5

