

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080525\
 Data File : BF143305.D
 Acq On : 05 Aug 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Aug 05 10:19:56 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	113128	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	431458	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	216118	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	330581	20.000	ng	0.00
76) Chrysene-d12	14.127	240	218496	20.000	ng	0.00
86) Perylene-d12	15.633	264	256941	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	568417	79.512	ng	0.00
7) Phenol-d6	6.587	99	710622	78.974	ng	0.00
23) Nitrobenzene-d5	7.522	82	706383	81.610	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	173707	77.804	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1241906	78.589	ng	0.00
79) Terphenyl-d14	13.069	244	1061185	72.274	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.793	88	140646	41.578	ng	98
3) Pyridine	3.569	79	354428	40.368	ng	98
4) n-Nitrosodimethylamine	3.510	42	181754	40.095	ng	97
6) Aniline	6.622	93	500443	39.906	ng	99
8) 2-Chlorophenol	6.751	128	300692	40.127	ng	98
9) Benzaldehyde	6.510	77	285940	42.378	ng	99
10) Phenol	6.604	94	410472	41.874	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	302536	40.309	ng	99
12) 1,3-Dichlorobenzene	6.904	146	325898	40.035	ng	99
13) 1,4-Dichlorobenzene	6.981	146	326121	39.782	ng	99
14) 1,2-Dichlorobenzene	7.134	146	313591	40.219	ng	99
15) Benzyl Alcohol	7.098	79	269432	39.216	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	565350	40.606	ng	100
17) 2-Methylphenol	7.210	107	247541	39.288	ng	98
18) Hexachloroethane	7.481	117	115517	40.705	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	220998	38.282	ng	98
20) 3+4-Methylphenols	7.363	107	302555	39.579	ng	# 75
22) Acetophenone	7.369	105	394575	38.628	ng	# 99
24) Nitrobenzene	7.539	77	330922	41.008	ng	99
25) Isophorone	7.781	82	595203	38.953	ng	98
26) 2-Nitrophenol	7.857	139	161031	45.979	ng	98
27) 2,4-Dimethylphenol	7.892	122	279672	39.176	ng	97
28) bis(2-Chloroethoxy)met...	7.987	93	373502	40.769	ng	99
29) 2,4-Dichlorophenol	8.098	162	243569	40.457	ng	99
30) 1,2,4-Trichlorobenzene	8.187	180	261981	40.279	ng	99
31) Naphthalene	8.263	128	847127	39.867	ng	100
32) Benzoic acid	7.992	122	137490	35.679	ng	99
33) 4-Chloroaniline	8.310	127	338525	39.017	ng	98
34) Hexachlorobutadiene	8.386	225	158189	39.813	ng	98
35) Caprolactam	8.669	113	71956	39.552	ng	96
36) 4-Chloro-3-methylphenol	8.786	107	254785	38.936	ng	98
37) 2-Methylnaphthalene	8.957	142	512465	39.633	ng	100
38) 1-Methylnaphthalene	9.057	142	527577	39.623	ng	99
40) 1,2,4,5-Tetrachloroben...	9.122	216	258812	41.479	ng	98
41) Hexachlorocyclopentadiene	9.116	237	144189	35.515	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	164824	38.169	ng	99

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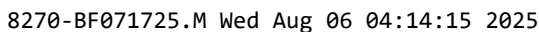
Instrument :
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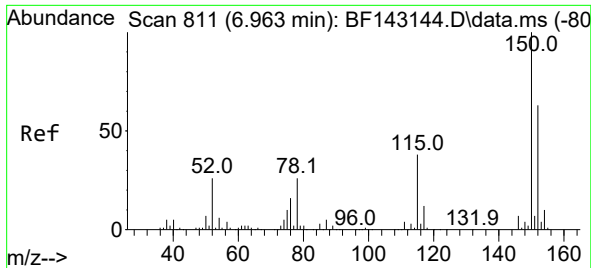
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	172802	40.004	ng	99
46) 1,1'-Biphenyl	9.416	154	679840	40.319	ng	99
47) 2-Chloronaphthalene	9.445	162	498905	39.988	ng	99
48) 2-Nitroaniline	9.533	65	165874	42.396	ng	99
49) Acenaphthylene	9.863	152	822478	39.337	ng	100
50) Dimethylphthalate	9.716	163	554408	39.355	ng	99
51) 2,6-Dinitrotoluene	9.775	165	120661	42.105	ng	97
52) Acenaphthene	10.033	154	500323	40.487	ng	99
53) 3-Nitroaniline	9.945	138	136582	40.747	ng	96
54) 2,4-Dinitrophenol	10.051	184	49591	41.665	ng #	1
55) Dibenzofuran	10.204	168	719575	39.219	ng	98
56) 4-Nitrophenol	10.098	139	144639	57.785	ng	98
57) 2,4-Dinitrotoluene	10.175	165	152755	42.487	ng	99
58) Fluorene	10.545	166	538130	39.080	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	134953	37.715	ng	99
60) Diethylphthalate	10.416	149	540701	38.833	ng	99
61) 4-Chlorophenyl-phenyle...	10.539	204	274523	40.037	ng	98
62) 4-Nitroaniline	10.557	138	115398	40.169	ng	97
63) Azobenzene	10.698	77	566976	39.070	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	74287	43.445	ng	96
66) n-Nitrosodiphenylamine	10.651	169	473628	40.687	ng	99
67) 4-Bromophenyl-phenylether	11.028	248	161943	41.106	ng	98
68) Hexachlorobenzene	11.104	284	162603	39.488	ng	97
69) Atrazine	11.175	200	134626	41.949	ng	99
70) Pentachlorophenol	11.292	266	84653	34.958	ng	95
71) Phenanthrene	11.510	178	696835	39.699	ng	100
72) Anthracene	11.563	178	717238	40.065	ng	99
73) Carbazole	11.710	167	624105	39.925	ng	100
74) Di-n-butylphthalate	12.039	149	778708	44.026	ng	100
75) Fluoranthene	12.698	202	668876	41.516	ng	99
77) Benzidine	12.816	184	214485	25.479	ng	98
78) Pyrene	12.927	202	679600	36.445	ng	100
80) Butylbenzylphthalate	13.539	149	270164	47.313	ng	100
81) Benzo(a)anthracene	14.116	228	570817	39.021	ng	99
82) 3,3'-Dichlorobenzidine	14.074	252	204352	41.914	ng	99
83) Chrysene	14.151	228	538092	40.913	ng	100
84) Bis(2-ethylhexyl)phtha...	14.098	149	383240	44.342	ng	99
85) Di-n-octyl phthalate	14.716	149	645935	41.231	ng	100
87) Indeno(1,2,3-cd)pyrene	17.180	276	720085	39.745	ng	99
88) Benzo(b)fluoranthene	15.186	252	595917	37.964	ng	98
89) Benzo(k)fluoranthene	15.221	252	542772	38.750	ng	100
90) Benzo(a)pyrene	15.568	252	569386	39.371	ng	99
91) Dibenzo(a,h)anthracene	17.198	278	576896	39.120	ng	98
92) Benzo(g,h,i)perylene	17.651	276	580577	40.700	ng	99

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

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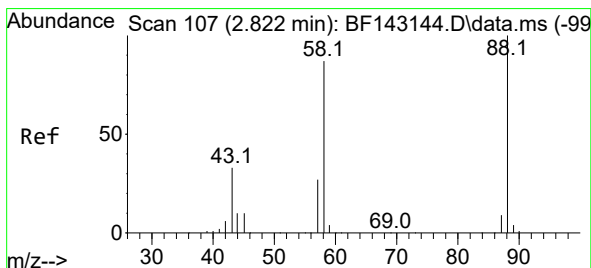
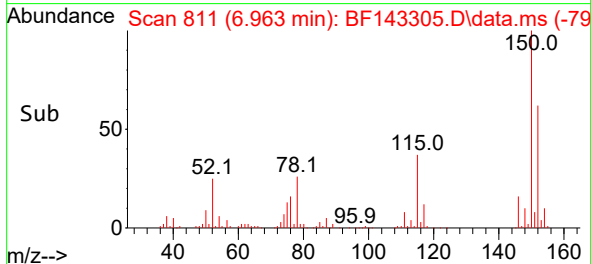
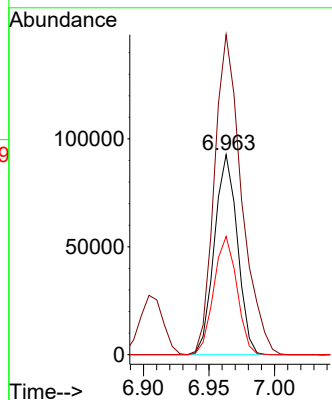
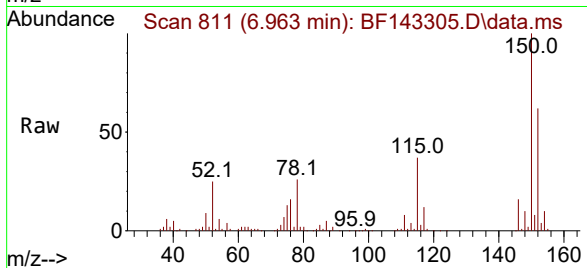




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

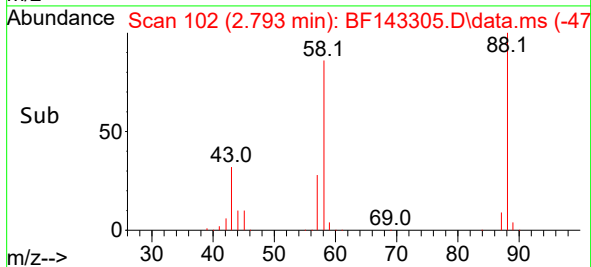
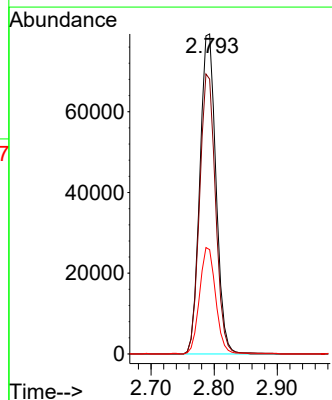
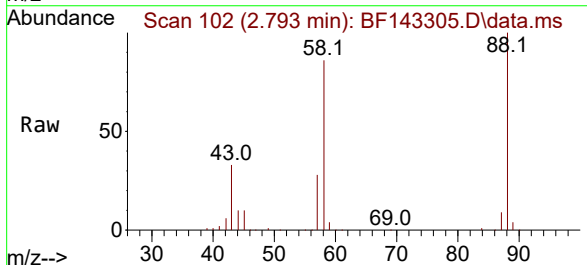
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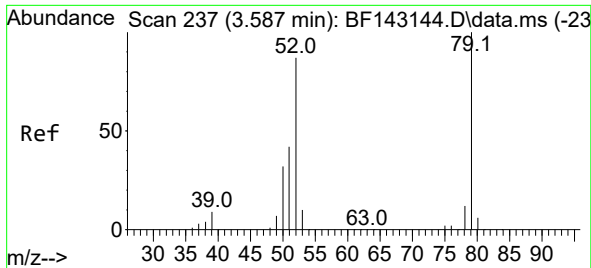
Tgt Ion:152 Resp: 113128
 Ion Ratio Lower Upper
 152 100
 150 160.0 128.2 192.4
 115 59.1 47.9 71.9



#2
 1,4-Dioxane
 Concen: 41.578 ng
 RT: 2.793 min Scan# 102
 Delta R.T. -0.029 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

Tgt Ion: 88 Resp: 140646
 Ion Ratio Lower Upper
 88 100
 58 86.2 70.2 105.2
 43 33.2 27.1 40.7





#3

Pyridine

Concen: 40.368 ng

RT: 3.569 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

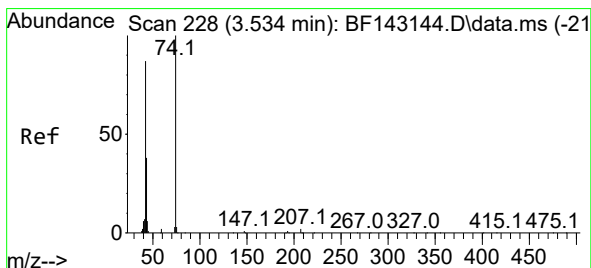
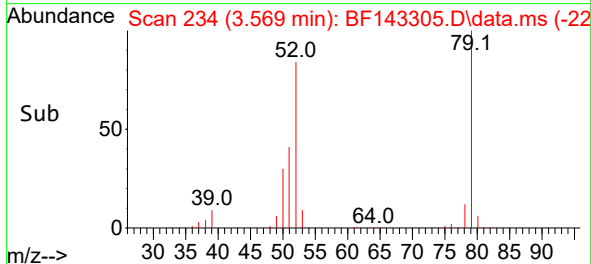
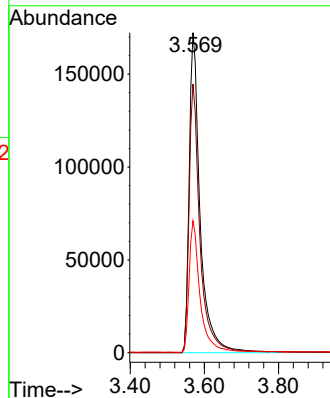
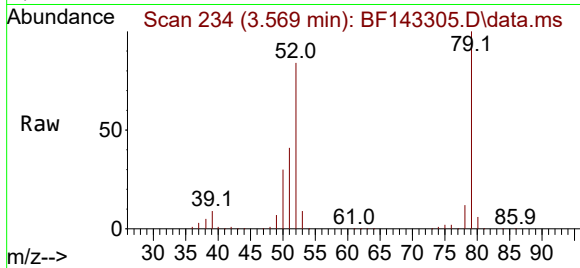
Tgt Ion: 79 Resp: 354428

Ion Ratio Lower Upper

79 100

52 84.0 69.4 104.2

51 41.2 33.5 50.3



#4

n-Nitrosodimethylamine

Concen: 40.095 ng

RT: 3.510 min Scan# 224

Delta R.T. -0.023 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

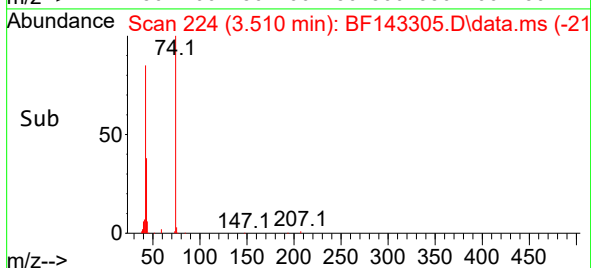
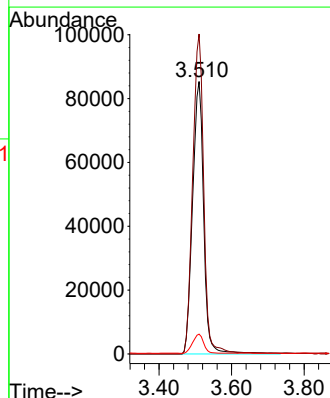
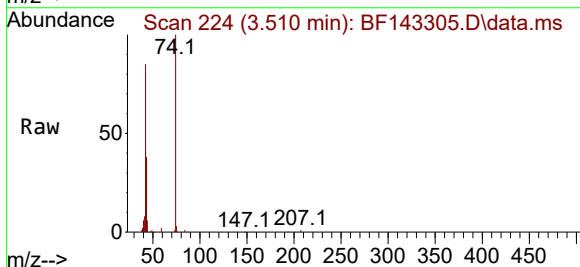
Tgt Ion: 42 Resp: 181754

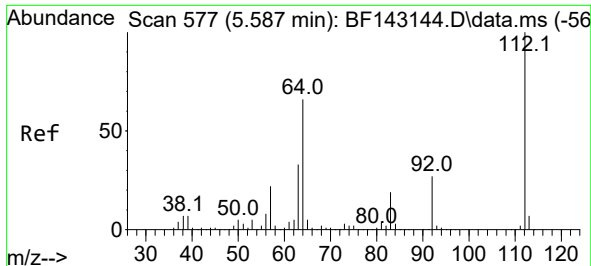
Ion Ratio Lower Upper

42 100

74 117.4 91.7 137.5

44 7.3 5.6 8.4

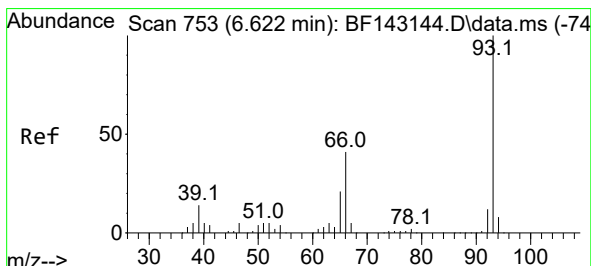
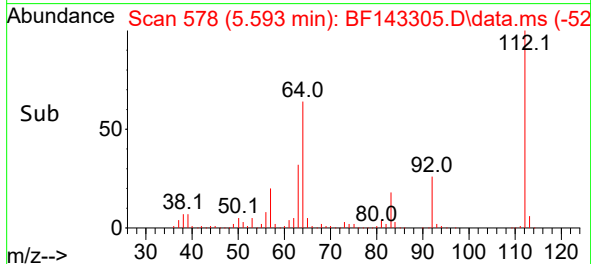
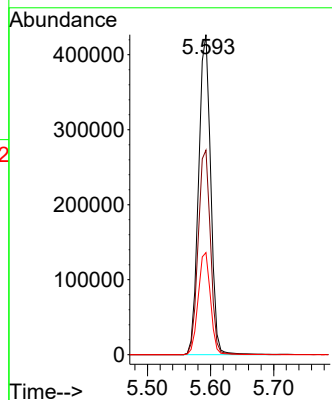
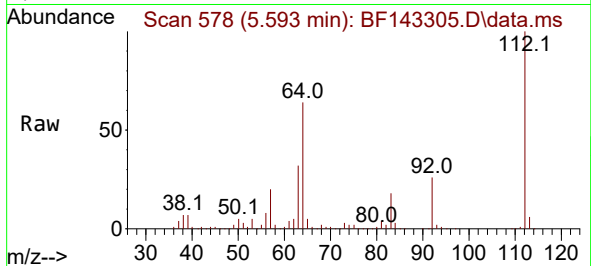




#5
2-Fluorophenol
Concen: 79.512 ng
RT: 5.593 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

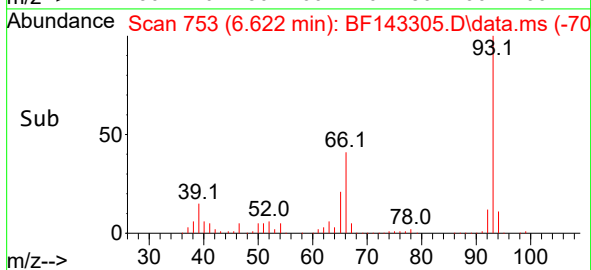
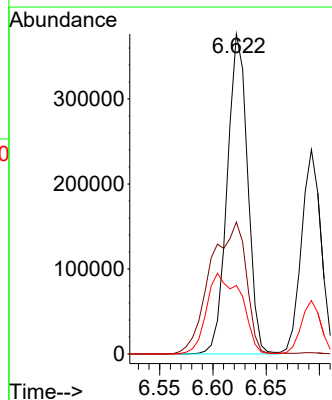
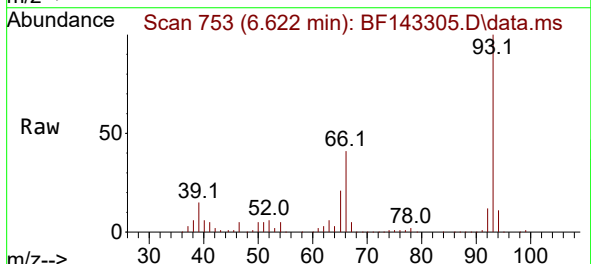
Instrument :
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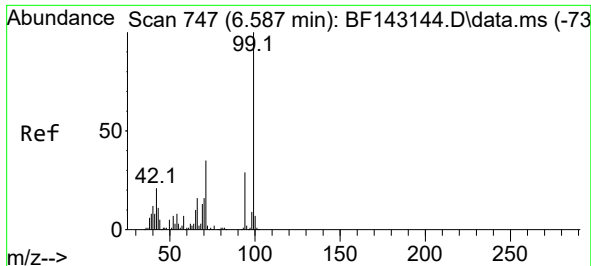
Tgt Ion:112 Resp: 568417
Ion Ratio Lower Upper
112 100
64 63.9 53.1 79.7
63 31.9 26.6 40.0



#6
Aniline
Concen: 39.906 ng
RT: 6.622 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

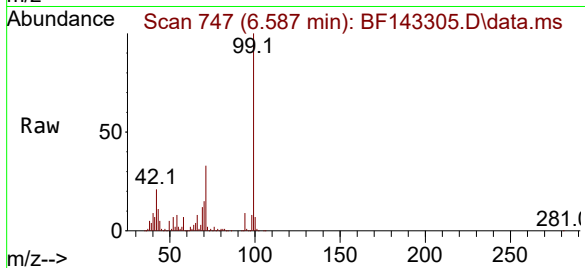
Tgt Ion: 93 Resp: 500443
Ion Ratio Lower Upper
93 100
66 41.2 33.2 49.8
65 21.4 16.9 25.3





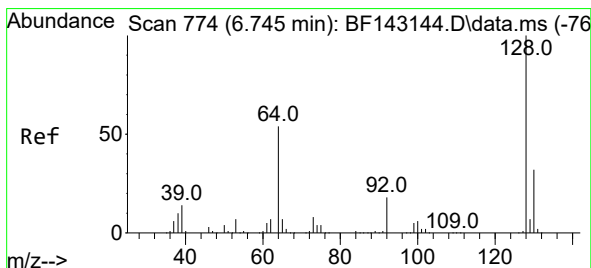
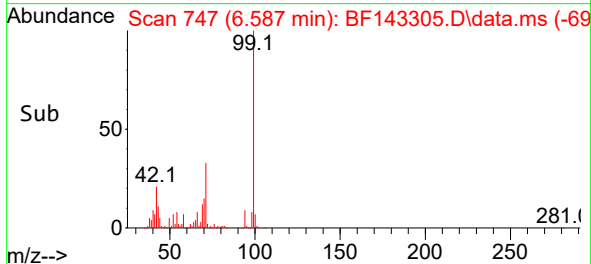
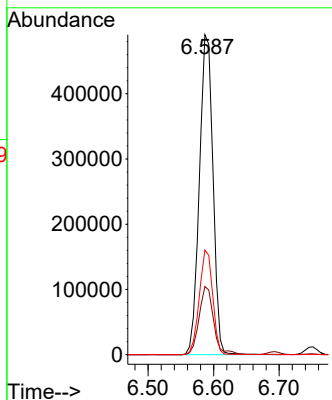
#7
Phenol-d6
Concen: 78.974 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 710622

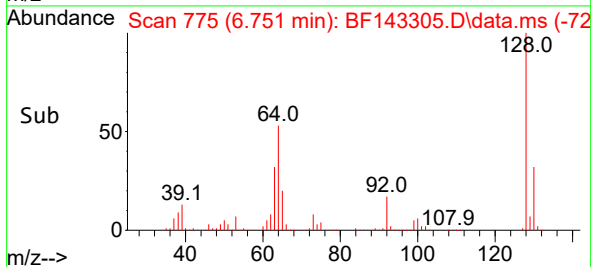
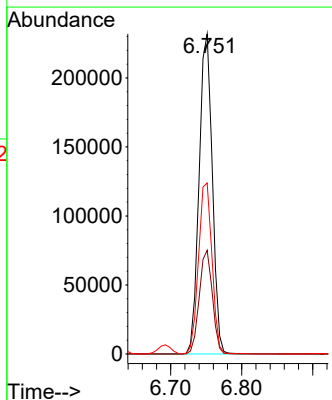
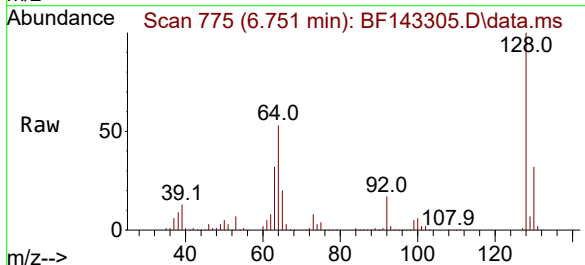
Ion	Ratio	Lower	Upper
99	100		
42	21.3	17.0	25.6
71	32.7	27.7	41.5

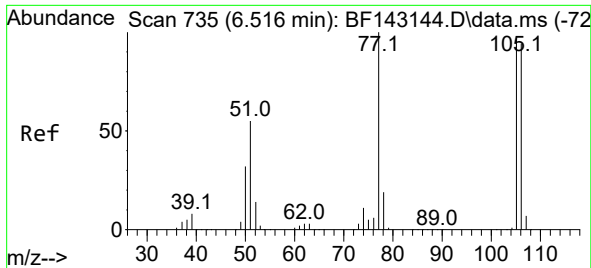


#8
2-Chlorophenol
Concen: 40.127 ng
RT: 6.751 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion: 128 Resp: 300692

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.3	52.3
64	53.4	35.9	75.9

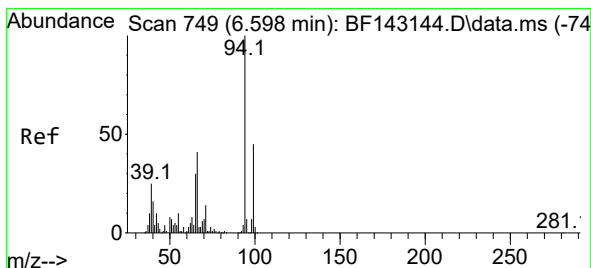
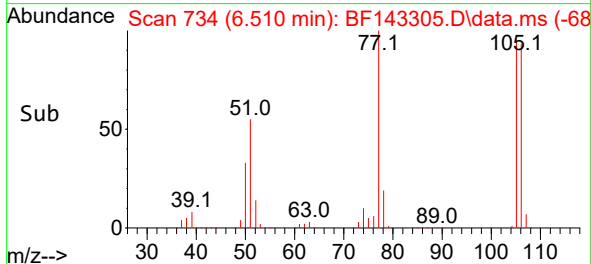
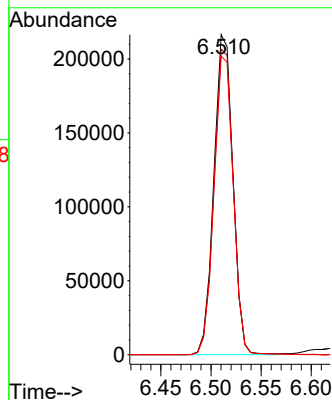
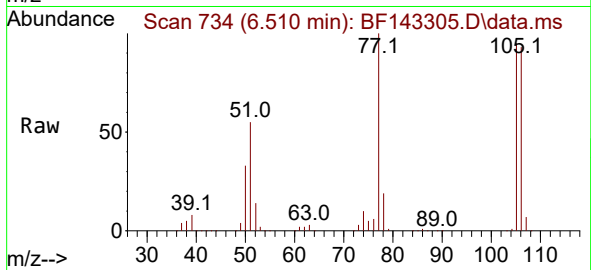




#9
Benzaldehyde
Concen: 42.378 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

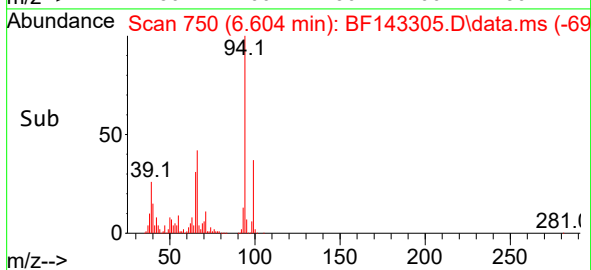
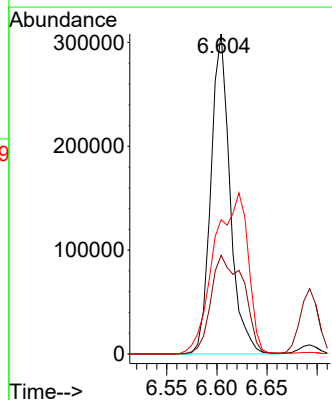
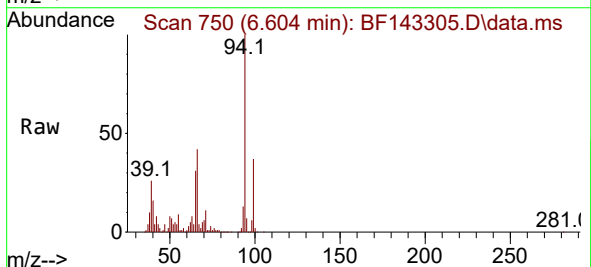
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

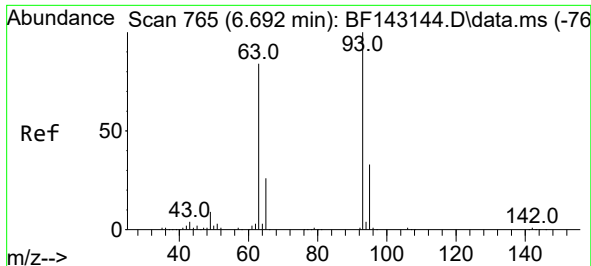
Tgt Ion: 77 Resp: 285940
Ion Ratio Lower Upper
77 100
105 95.5 76.8 116.8
106 93.3 74.4 114.4



#10
Phenol
Concen: 41.874 ng
RT: 6.604 min Scan# 750
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion: 94 Resp: 410472
Ion Ratio Lower Upper
94 100
65 30.8 10.0 50.0
66 42.0 20.8 60.8

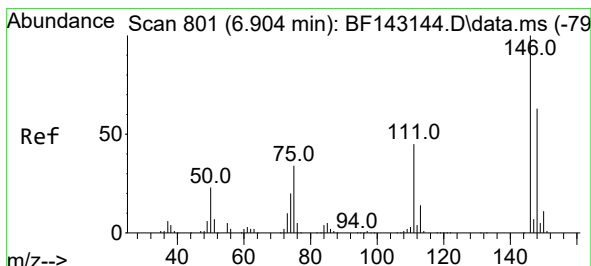
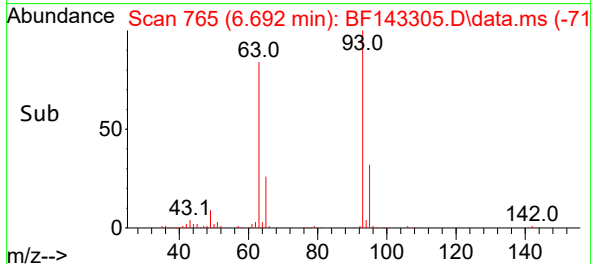
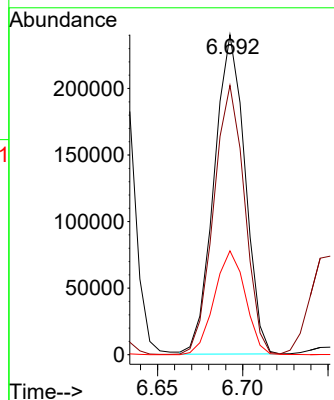
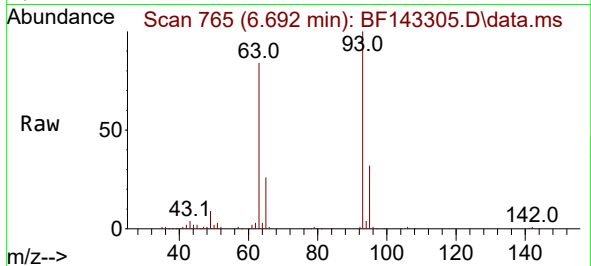




#11
bis(2-Chloroethyl)ether
Concen: 40.309 ng
RT: 6.692 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

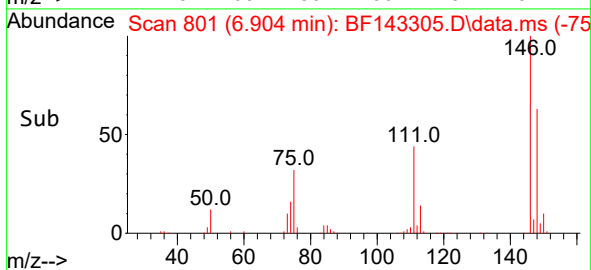
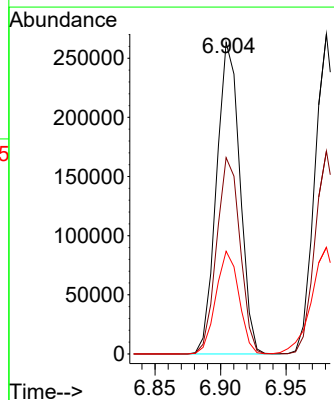
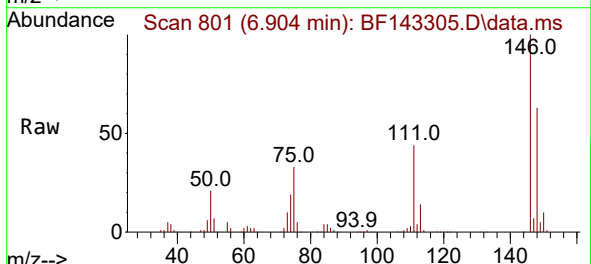
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

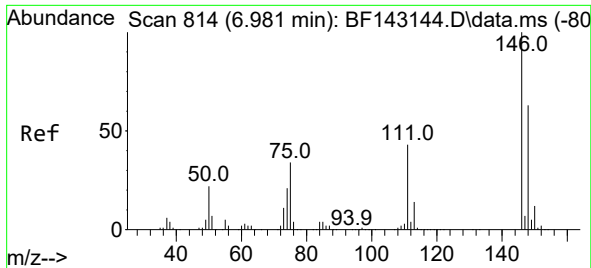
Tgt Ion: 93 Resp: 302536
Ion Ratio Lower Upper
93 100
63 84.1 63.4 103.4
95 32.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 40.035 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion: 146 Resp: 325898
Ion Ratio Lower Upper
146 100
148 63.0 50.6 76.0
75 33.0 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 39.782 ng

RT: 6.981 min Scan# 814

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

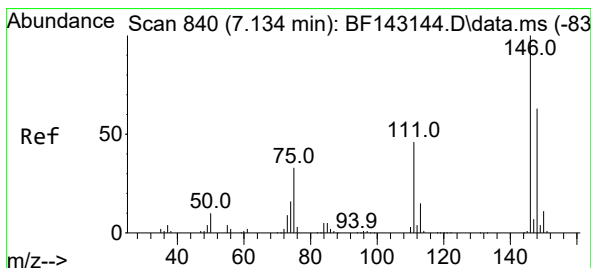
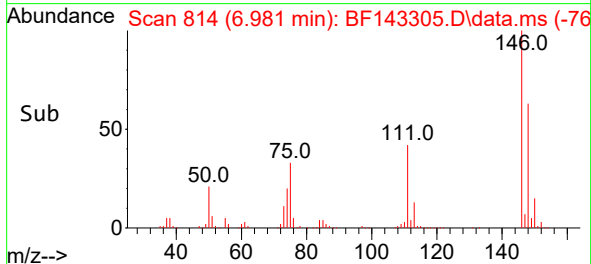
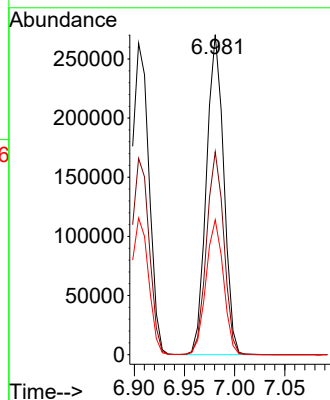
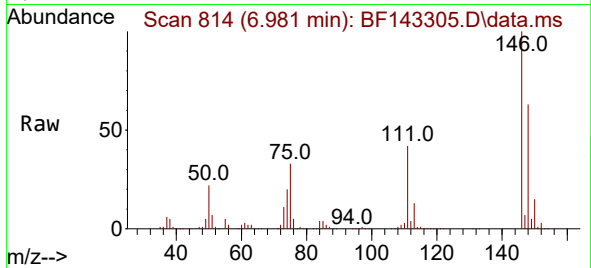
Tgt Ion:146 Resp: 326121

Ion Ratio Lower Upper

146 100

148 63.4 50.3 75.5

111 42.1 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 40.219 ng

RT: 7.134 min Scan# 840

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

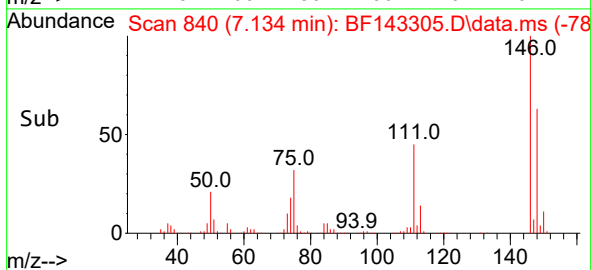
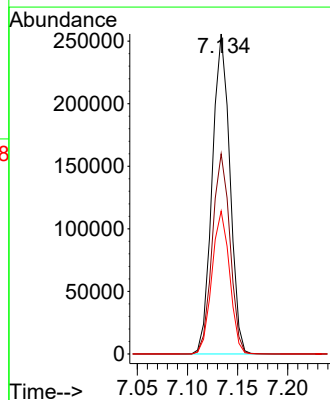
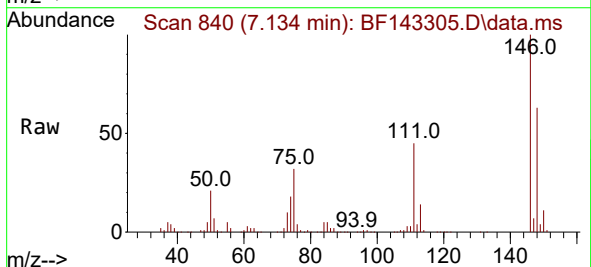
Tgt Ion:146 Resp: 313591

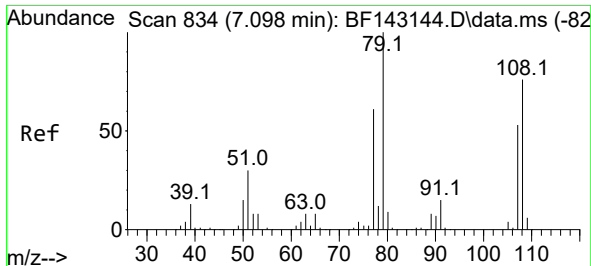
Ion Ratio Lower Upper

146 100

148 62.5 50.7 76.1

111 44.6 36.6 54.8

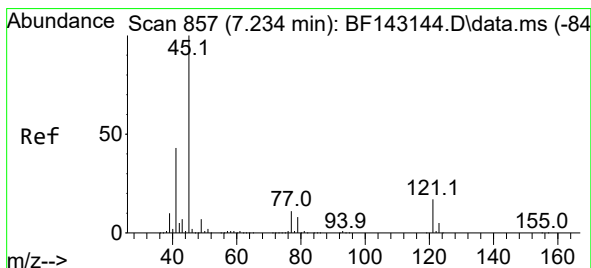
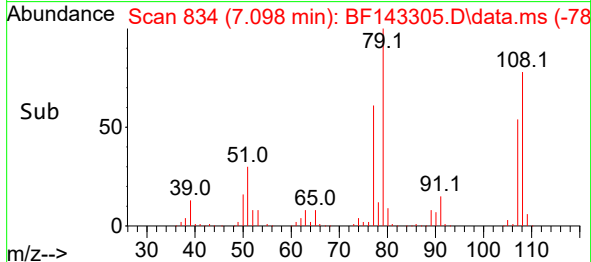
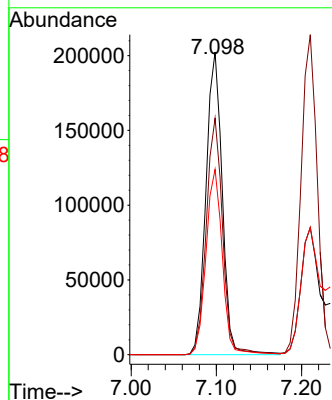
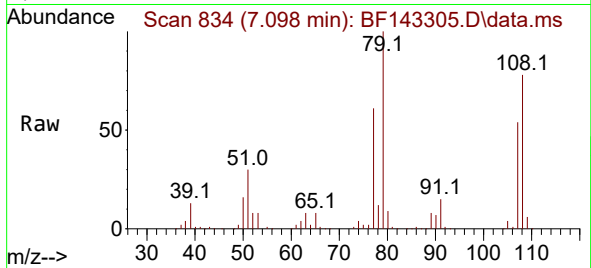




#15
Benzyl Alcohol
Concen: 39.216 ng
RT: 7.098 min Scan# 834
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

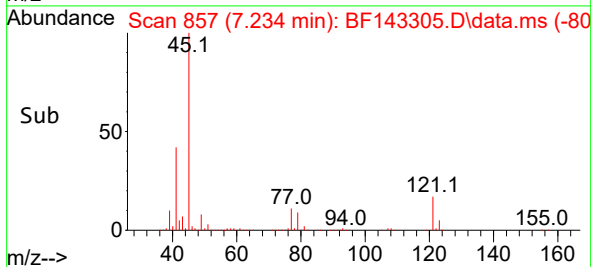
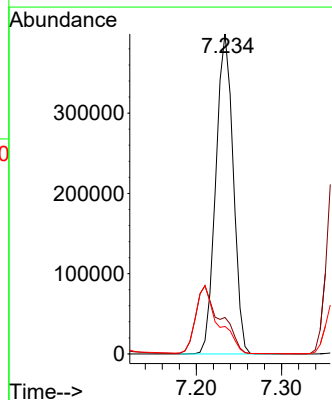
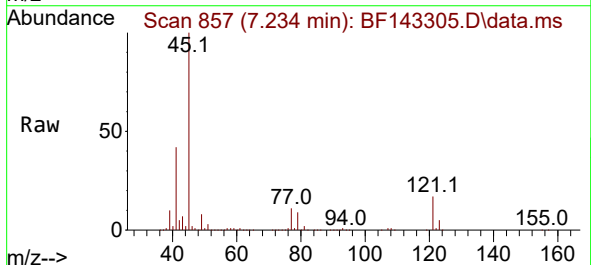
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

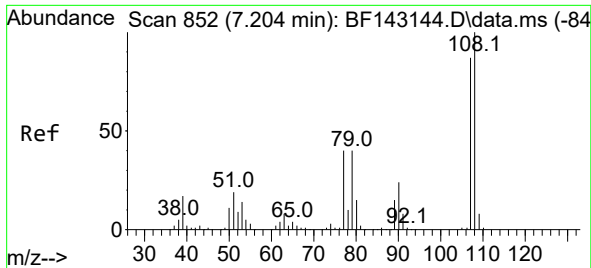
Tgt Ion: 79 Resp: 269432
Ion Ratio Lower Upper
79 100
108 78.1 61.1 91.7
77 61.2 48.9 73.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.606 ng
RT: 7.234 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

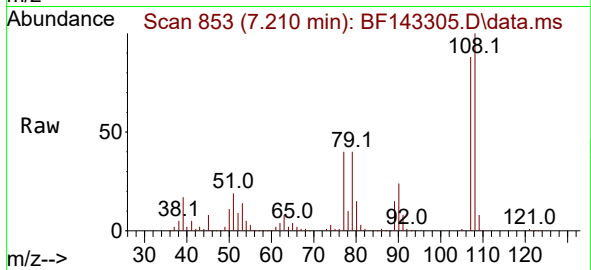
Tgt Ion: 45 Resp: 565350
Ion Ratio Lower Upper
45 100
77 11.4 0.0 31.2
79 8.6 0.0 28.5



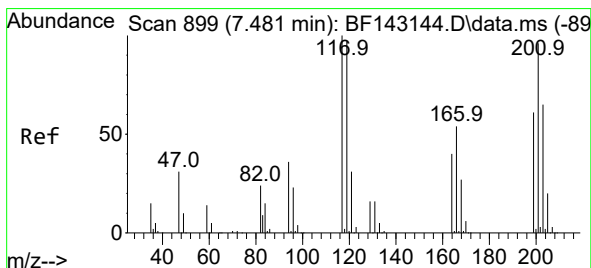
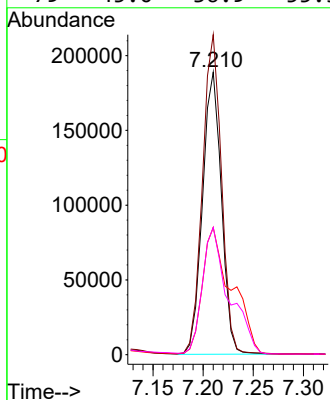
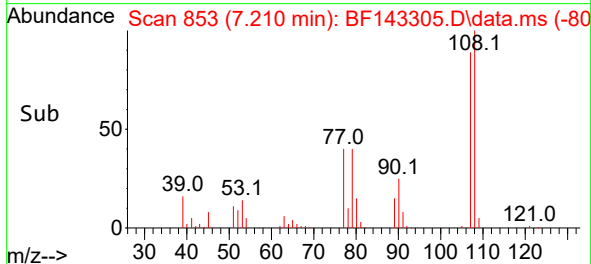


#17
2-Methylphenol
Concen: 39.288 ng
RT: 7.210 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

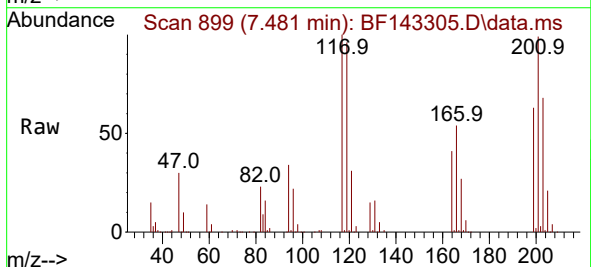
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



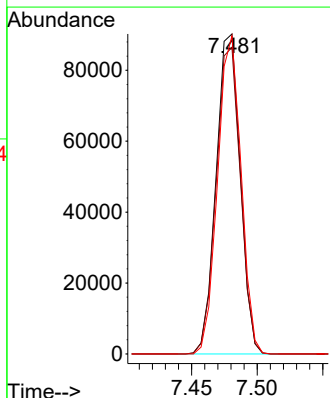
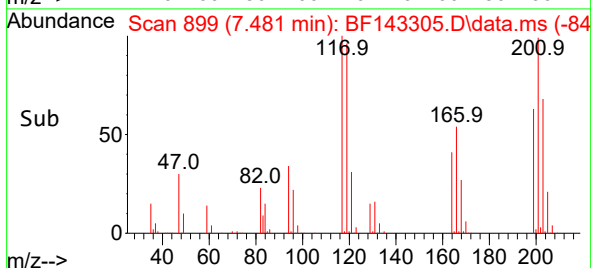
Tgt Ion:	107	Resp:	247541
Ion	Ratio	Lower	Upper
107	100		
108	113.2	91.8	137.6
77	45.0	37.0	55.6
79	45.0	36.9	55.3

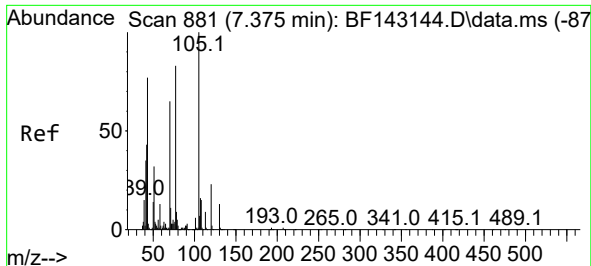


#18
Hexachloroethane
Concen: 40.705 ng
RT: 7.481 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00



Tgt Ion:	117	Resp:	115517
Ion	Ratio	Lower	Upper
117	100		
119	95.9	77.8	116.8
201	99.4	77.0	115.4

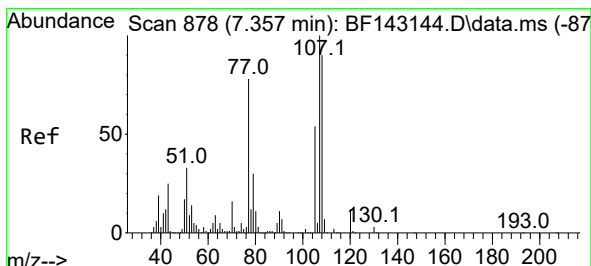
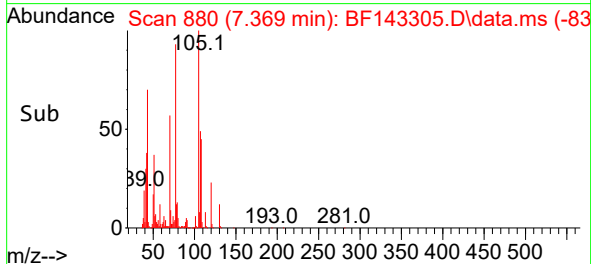
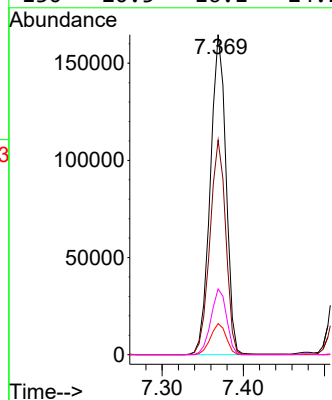
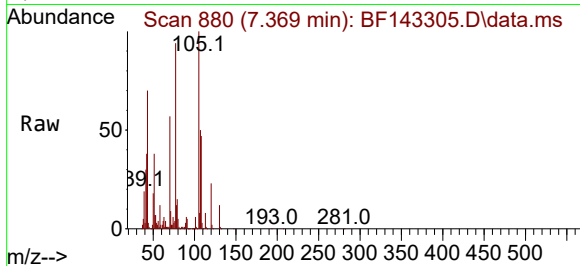




#19
n-Nitroso-di-n-propylamine
Concen: 38.282 ng
RT: 7.369 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

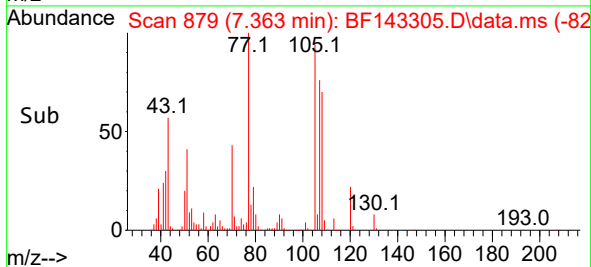
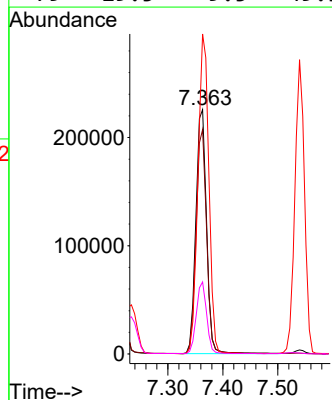
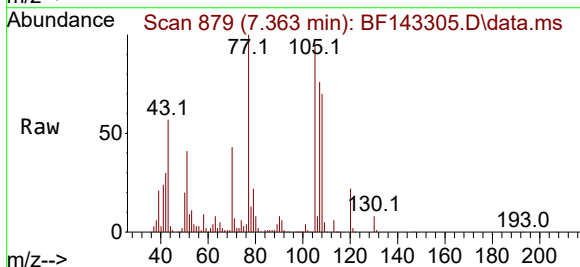
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

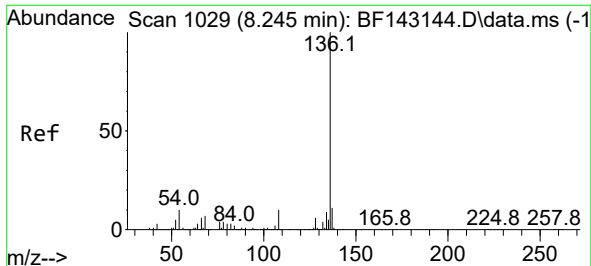
Tgt Ion:	70	Resp:	220998
Ion	Ratio	Lower	Upper
70	100		
42	67.1	52.5	78.7
101	9.7	7.6	11.4
130	20.5	16.1	24.1



#20
3+4-Methylphenols
Concen: 39.579 ng
RT: 7.363 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:	107	Resp:	302555
Ion	Ratio	Lower	Upper
107	100		
108	91.8	70.0	110.0
77	131.0	57.8	97.8#
79	29.5	9.5	49.5

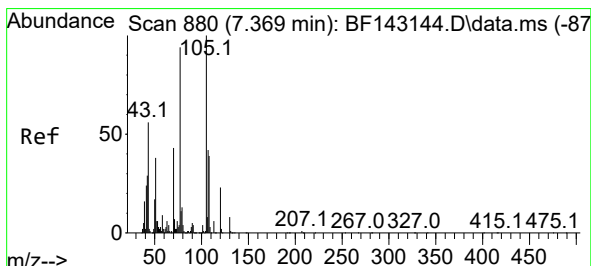
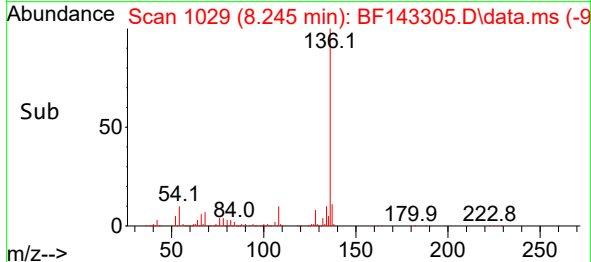
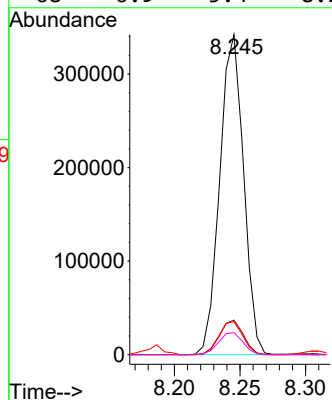
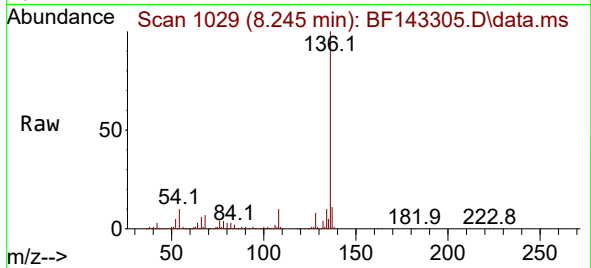




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

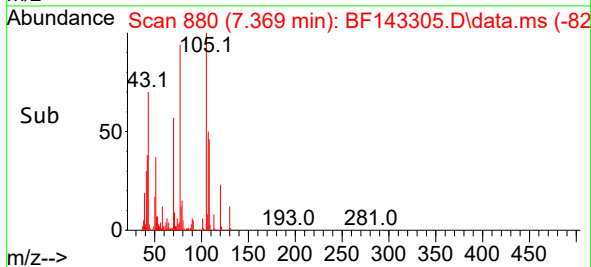
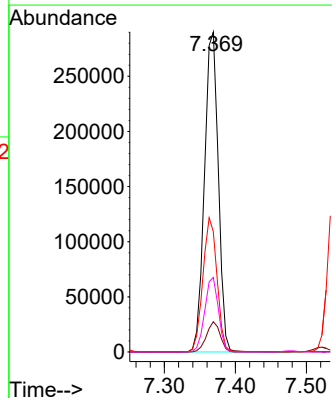
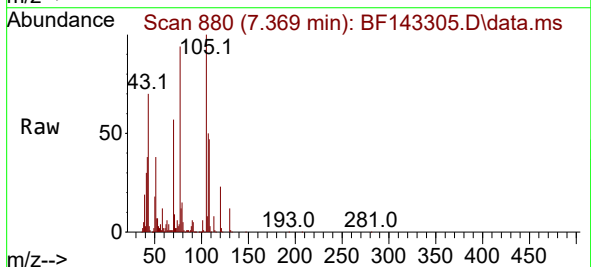
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

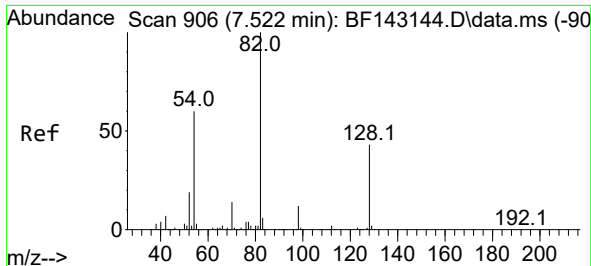
Tgt	Ion:136	Resp:	431458
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	10.3	8.2	12.2
68	6.9	5.4	8.2



#22
Acetophenone
Concen: 38.628 ng
RT: 7.369 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt	Ion:105	Resp:	394575
Ion	Ratio	Lower	Upper
105	100		
71	9.5	5.8	8.6#
51	37.6	30.2	45.2
120	23.3	18.2	27.4





#23

Nitrobenzene-d5

Concen: 81.610 ng

RT: 7.522 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

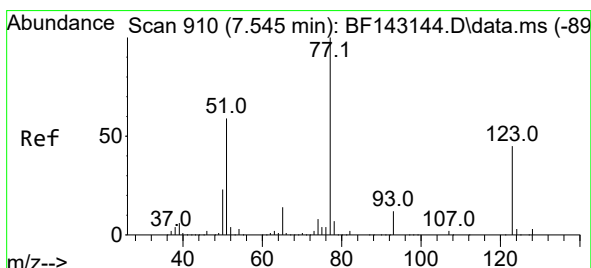
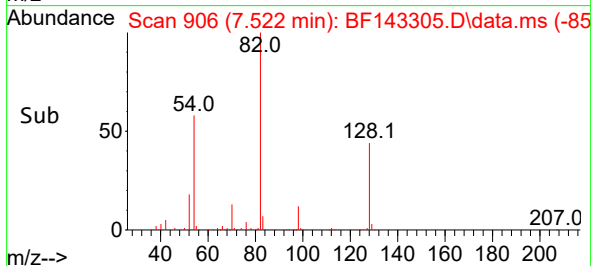
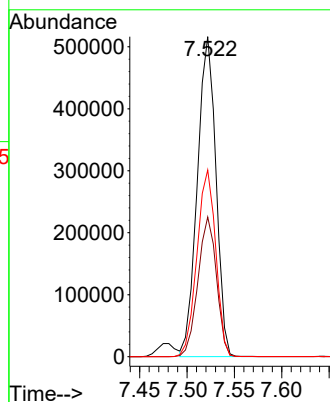
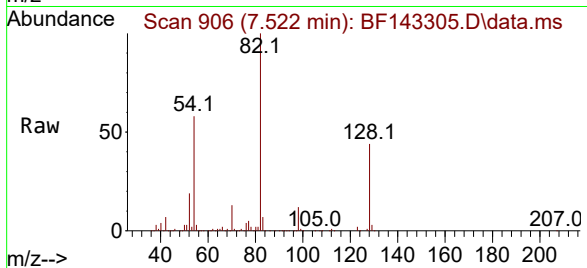
Tgt Ion: 82 Resp: 706383

Ion Ratio Lower Upper

82 100

128 43.7 33.6 50.4

54 58.3 47.1 70.7



#24

Nitrobenzene

Concen: 41.008 ng

RT: 7.539 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

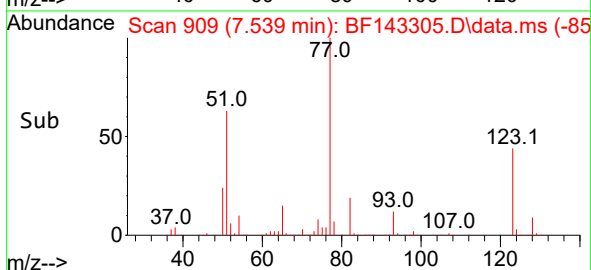
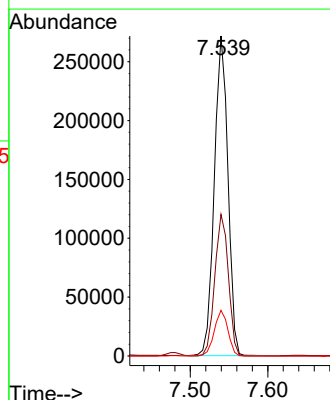
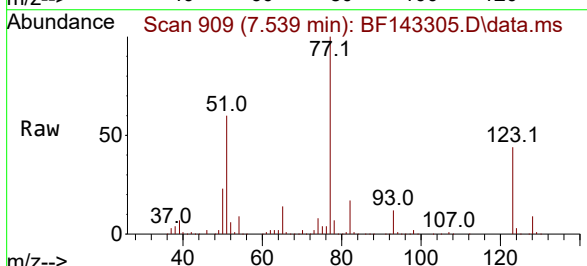
Tgt Ion: 77 Resp: 330922

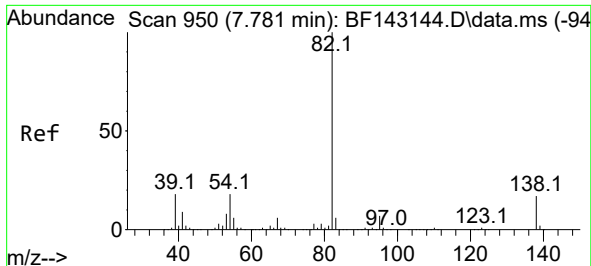
Ion Ratio Lower Upper

77 100

123 44.3 36.1 54.1

65 14.2 11.4 17.2

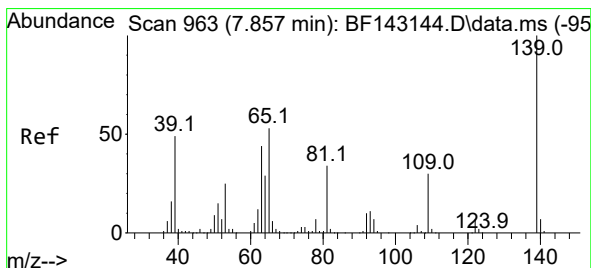
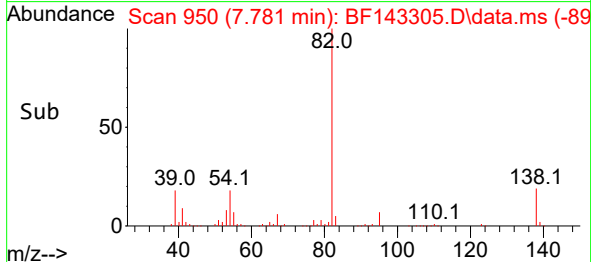
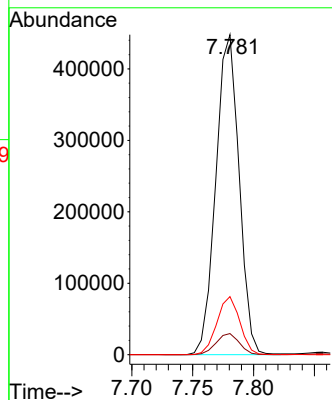
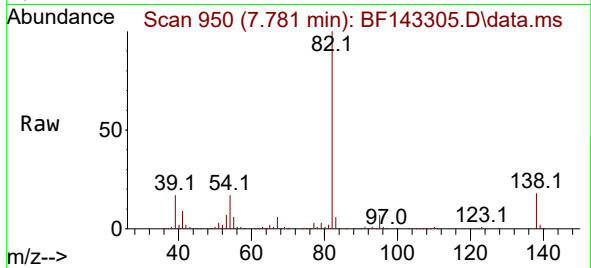




#25
Isophorone
Concen: 38.953 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

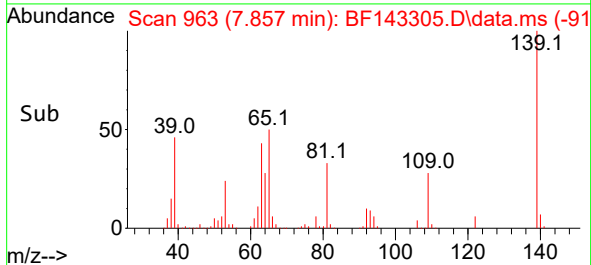
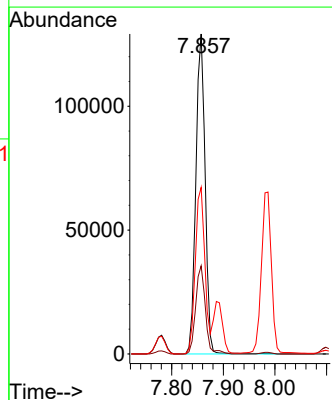
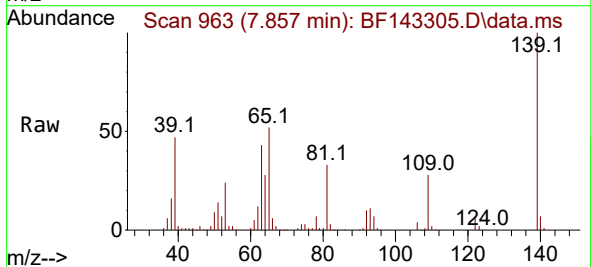
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

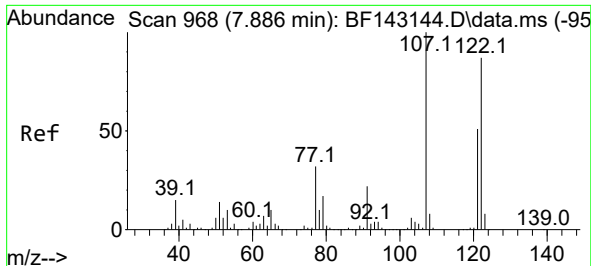
Tgt Ion: 82 Resp: 595203
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 18.2 13.8 20.8



#26
2-Nitrophenol
Concen: 45.979 ng
RT: 7.857 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:139 Resp: 161031
Ion Ratio Lower Upper
139 100
109 27.5 23.6 35.4
65 52.1 42.6 64.0

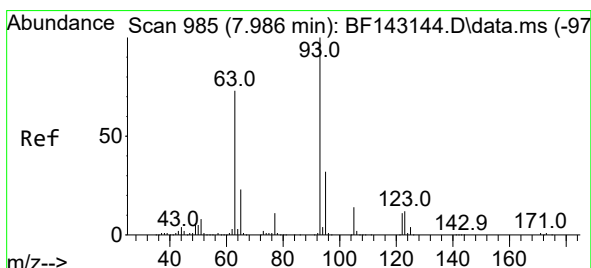
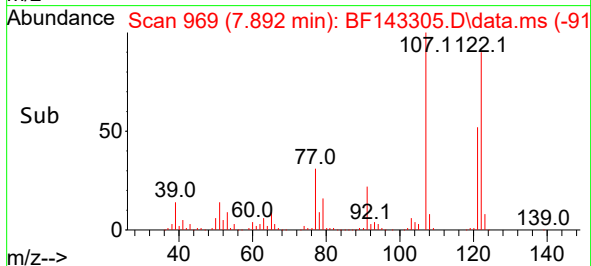
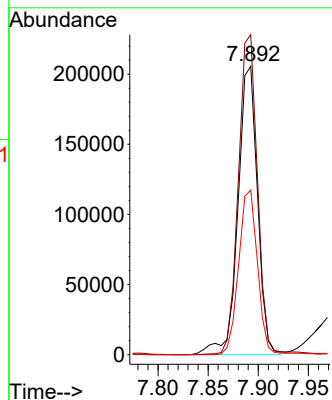
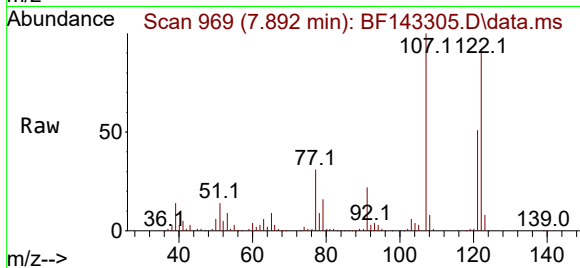




#27
2,4-Dimethylphenol
Concen: 39.176 ng
RT: 7.892 min Scan# 968
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

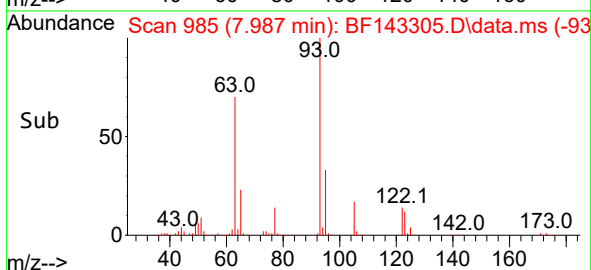
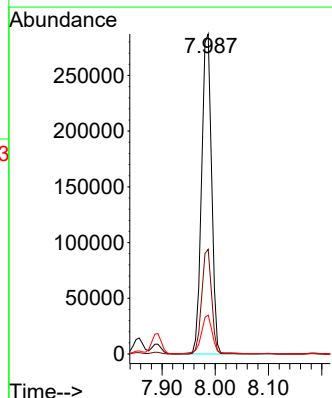
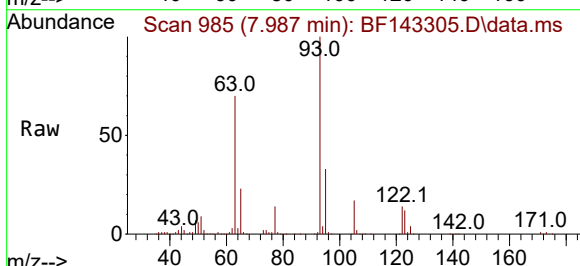
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

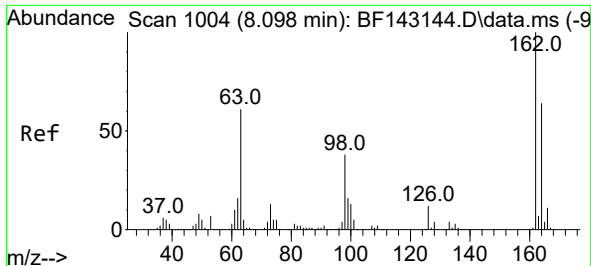
Tgt Ion:122 Resp: 279672
Ion Ratio Lower Upper
122 100
107 111.0 91.8 137.6
121 57.1 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 40.769 ng
RT: 7.987 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion: 93 Resp: 373502
Ion Ratio Lower Upper
93 100
95 32.7 25.8 38.6
123 12.1 9.7 14.5





#29

2,4-Dichlorophenol

Concen: 40.457 ng

RT: 8.098 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

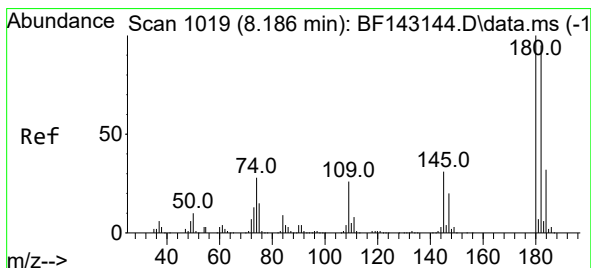
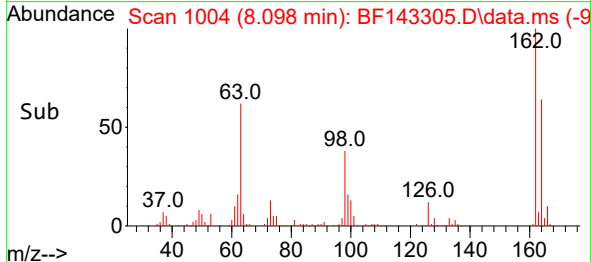
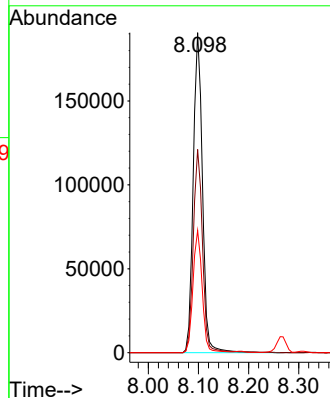
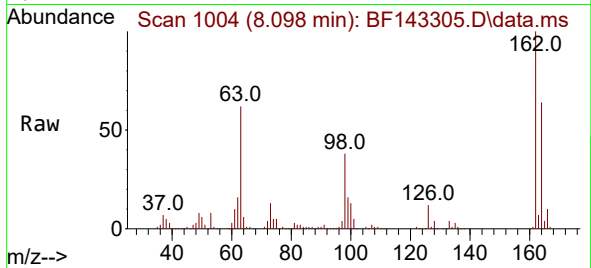
Tgt Ion:162 Resp: 243569

Ion Ratio Lower Upper

162 100

164 63.5 44.2 84.2

98 38.2 17.9 57.9



#30

1,2,4-Trichlorobenzene

Concen: 40.279 ng

RT: 8.187 min Scan# 1019

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

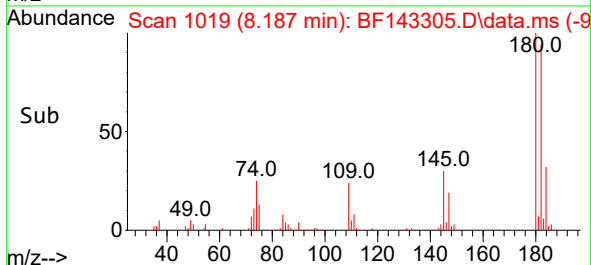
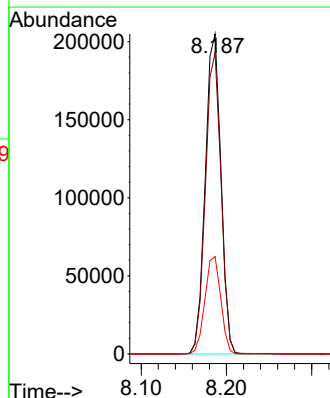
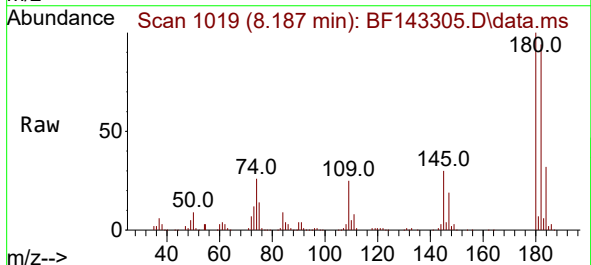
Tgt Ion:180 Resp: 261981

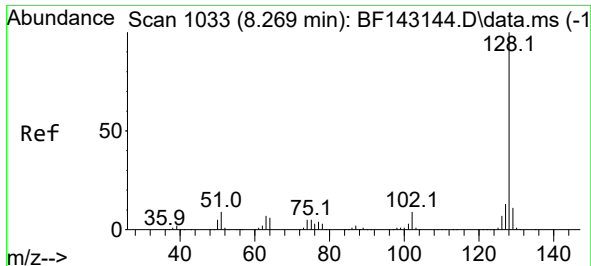
Ion Ratio Lower Upper

180 100

182 94.0 76.2 114.2

145 30.4 25.0 37.6

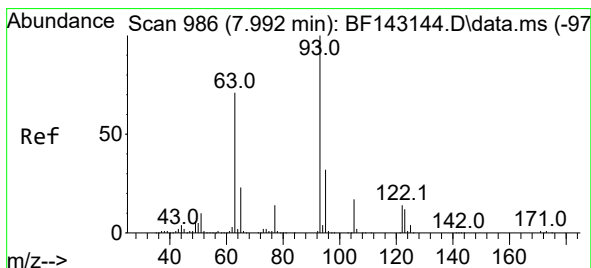
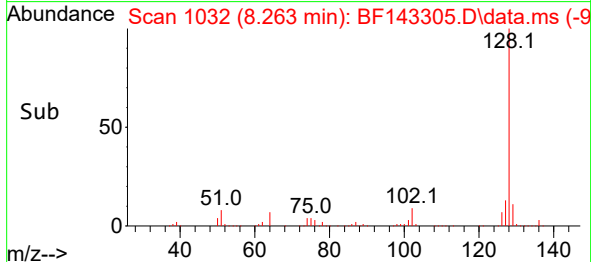
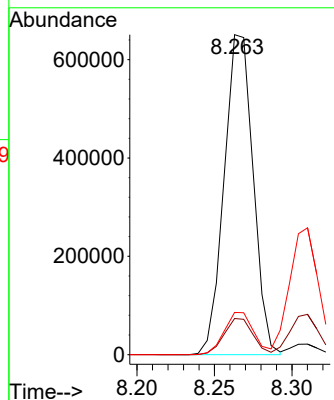
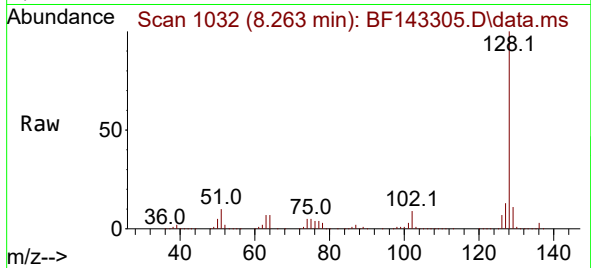




#31
Naphthalene
Concen: 39.867 ng
RT: 8.263 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

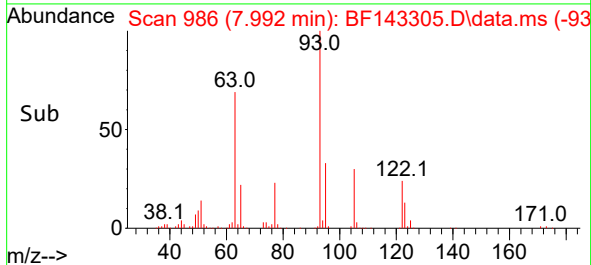
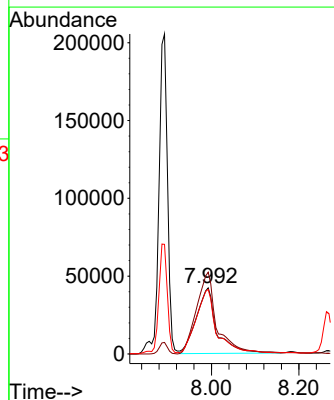
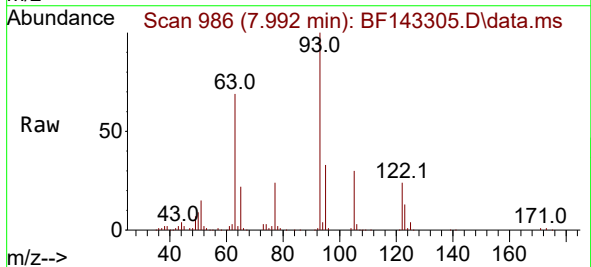
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

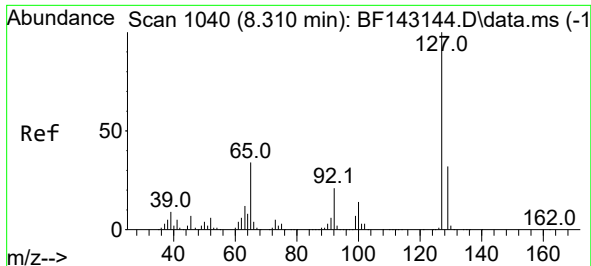
Tgt Ion:128 Resp: 847127
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.4
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 35.679 ng
RT: 7.992 min Scan# 986
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:122 Resp: 137490
Ion Ratio Lower Upper
122 100
105 123.8 104.8 144.8
77 97.9 77.6 117.6

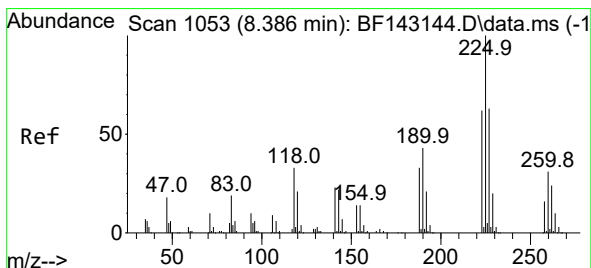
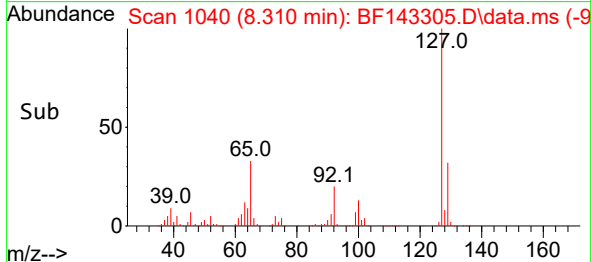
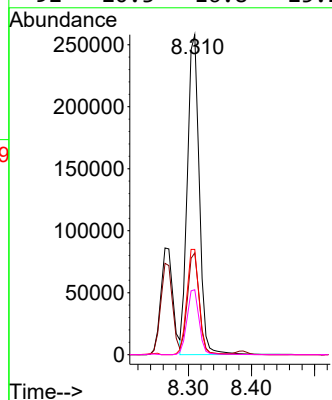
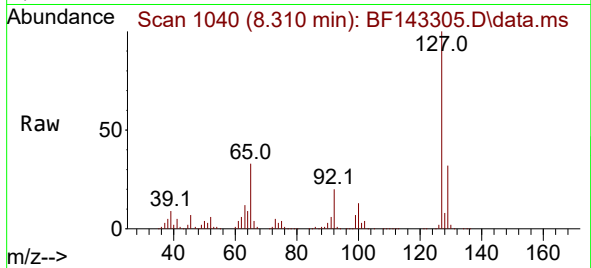




#33
4-Chloroaniline
Concen: 39.017 ng
RT: 8.310 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

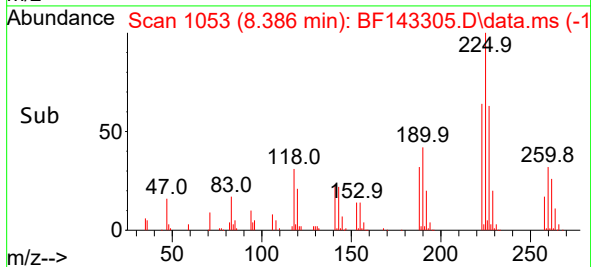
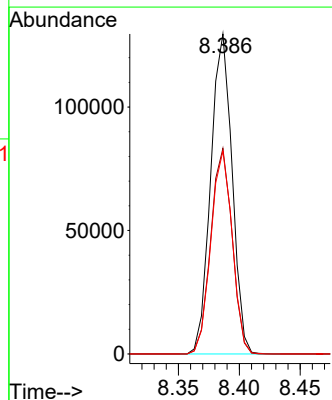
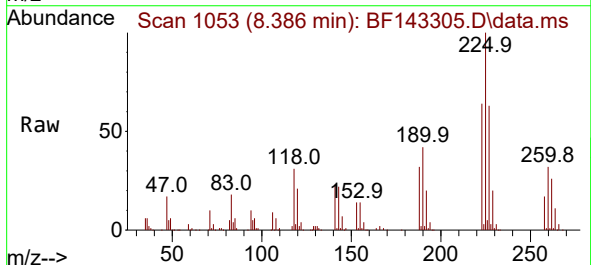
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

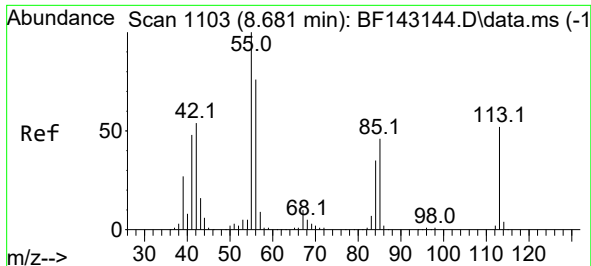
Tgt Ion:	127	Resp:	338525
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.0	39.0
65	32.9	27.4	41.2
92	20.3	16.8	25.2



#34
Hexachlorobutadiene
Concen: 39.813 ng
RT: 8.386 min Scan# 1053
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:	225	Resp:	158189
Ion	Ratio	Lower	Upper
225	100		
223	64.2	49.8	74.6
227	63.4	50.2	75.4

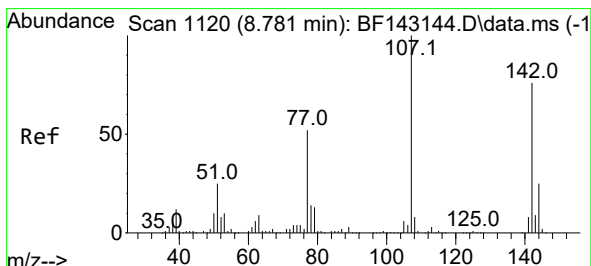
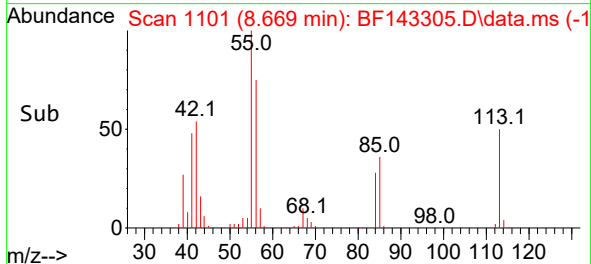
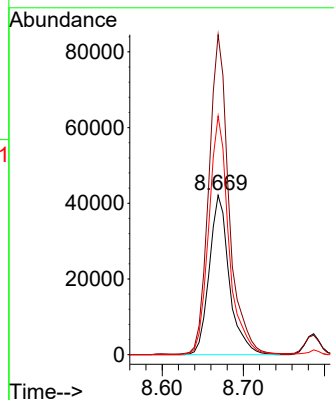
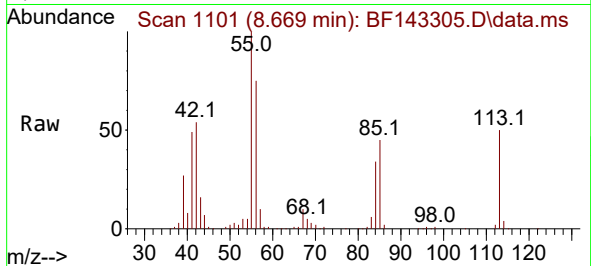




#35
 Caprolactam
 Concen: 39.552 ng
 RT: 8.669 min Scan# 1101
 Delta R.T. -0.012 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

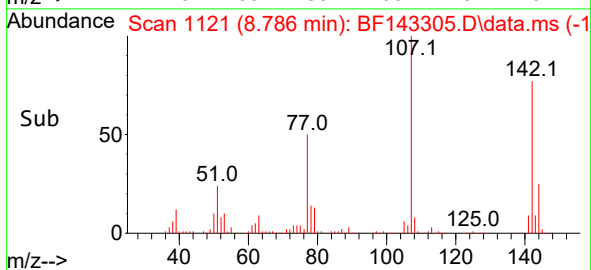
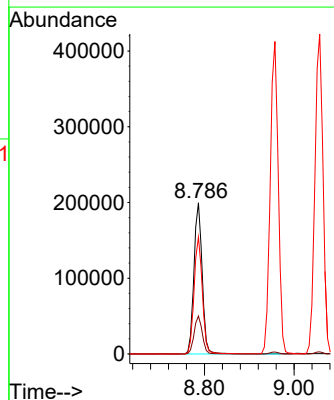
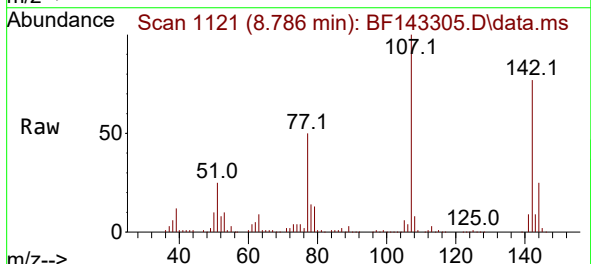
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

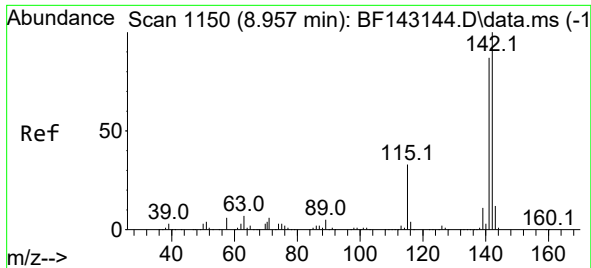
Tgt Ion:113 Resp: 71956
 Ion Ratio Lower Upper
 113 100
 55 200.8 174.0 214.0
 56 149.8 126.6 166.6



#36
 4-Chloro-3-methylphenol
 Concen: 38.936 ng
 RT: 8.786 min Scan# 1121
 Delta R.T. 0.006 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

Tgt Ion:107 Resp: 254785
 Ion Ratio Lower Upper
 107 100
 144 25.1 19.8 29.6
 142 77.4 60.6 90.8

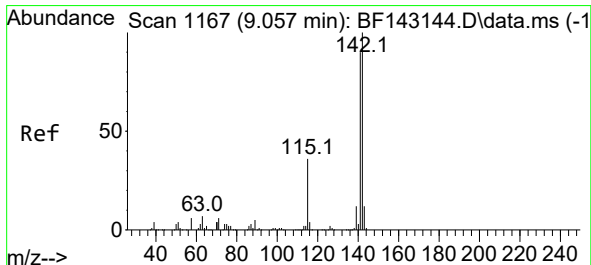
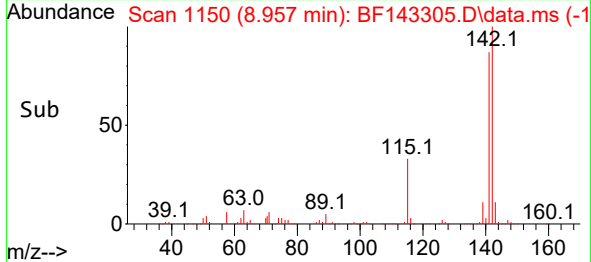
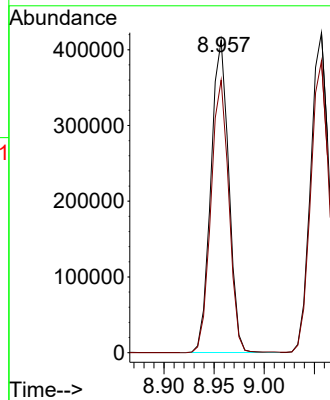
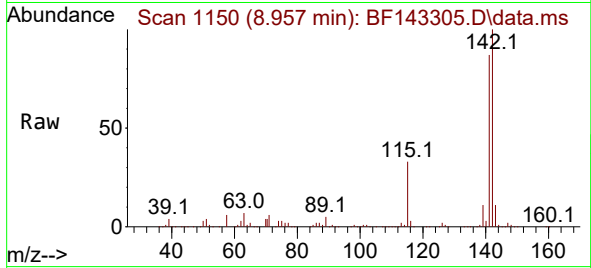




#37
2-Methylnaphthalene
Concen: 39.633 ng
RT: 8.957 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

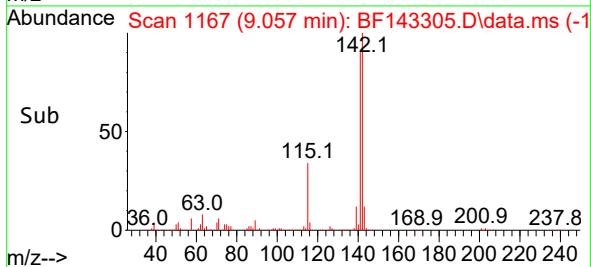
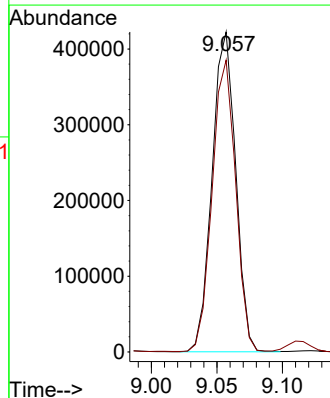
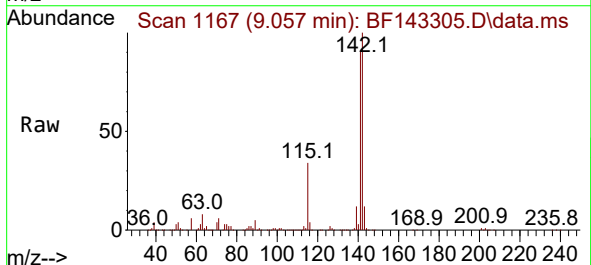
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

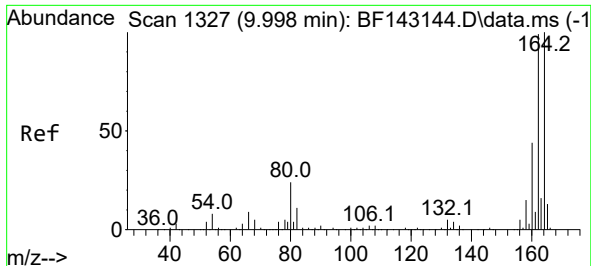
Tgt Ion:142 Resp: 512465
Ion Ratio Lower Upper
142 100
141 87.3 69.9 104.9



#38
1-Methylnaphthalene
Concen: 39.623 ng
RT: 9.057 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:142 Resp: 527577
Ion Ratio Lower Upper
142 100
141 91.2 72.3 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

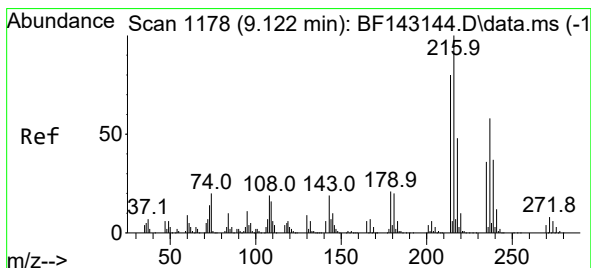
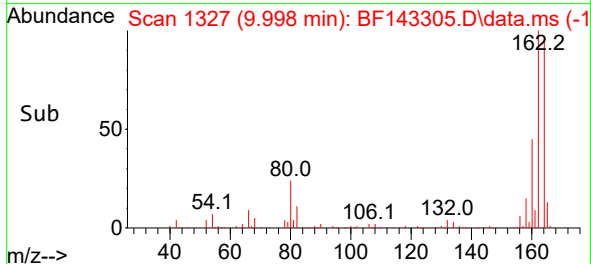
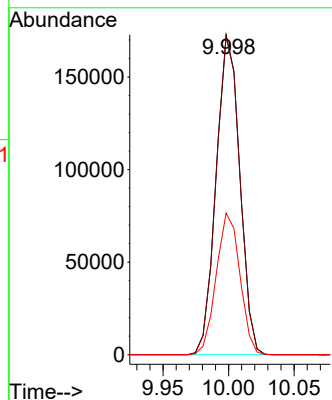
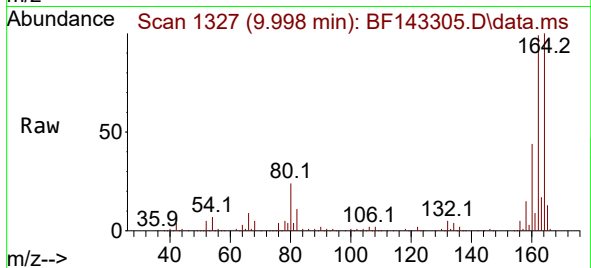
Tgt Ion:164 Resp: 216118

Ion Ratio Lower Upper

164 100

162 99.3 79.0 118.6

160 44.2 35.1 52.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.479 ng

RT: 9.122 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Tgt Ion:216 Resp: 258812

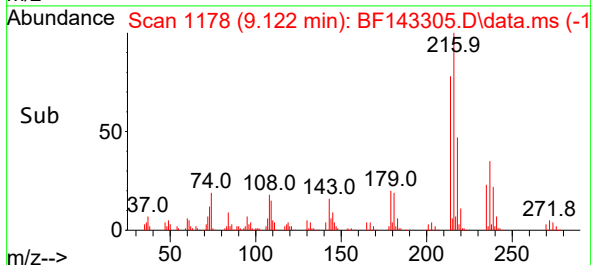
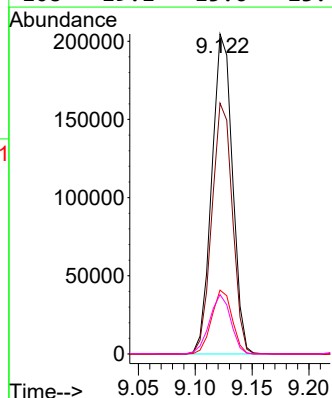
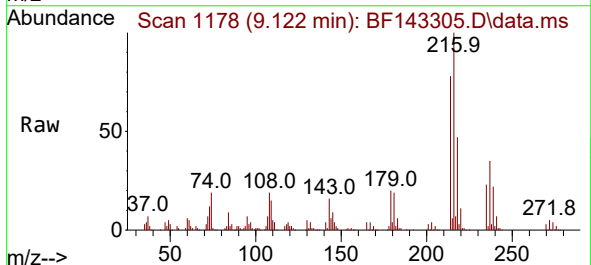
Ion Ratio Lower Upper

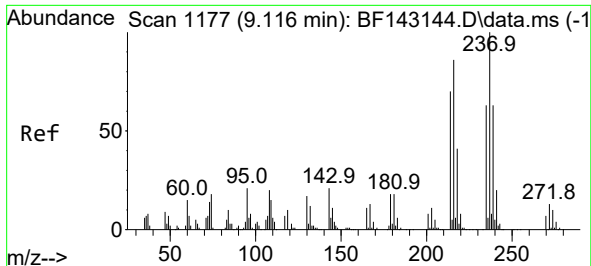
216 100

214 78.1 63.8 95.8

179 19.8 16.4 24.6

108 19.1 15.6 23.4

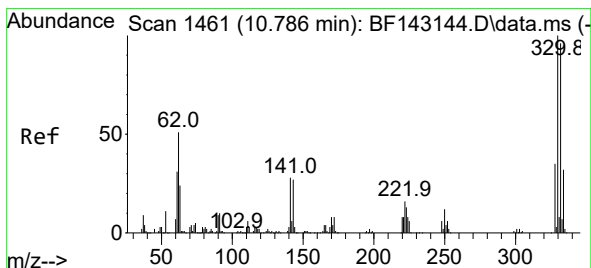
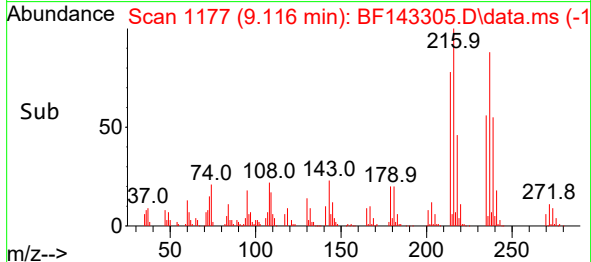
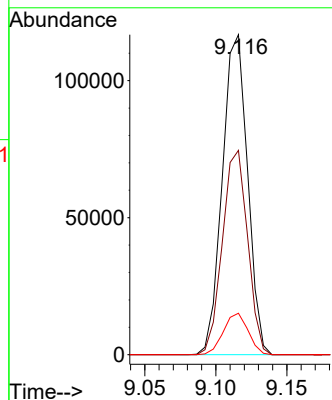
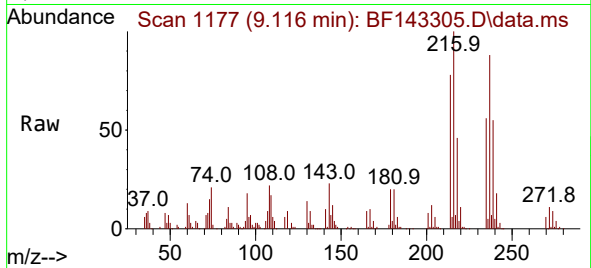




#41
Hexachlorocyclopentadiene
Concen: 35.515 ng
RT: 9.116 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

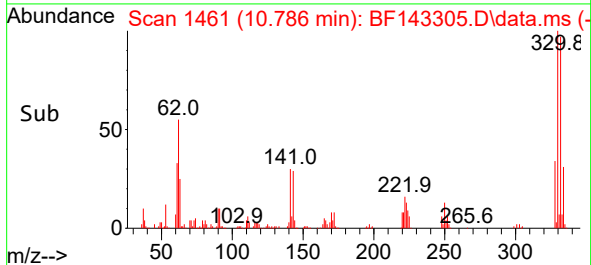
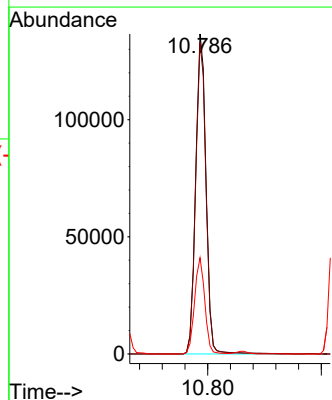
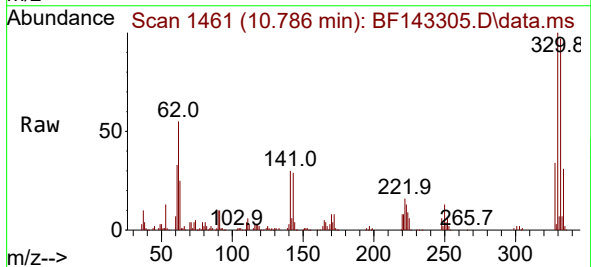
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

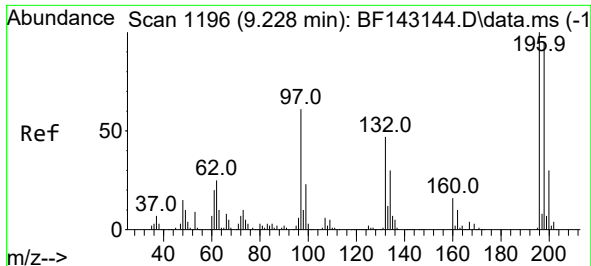
Tgt Ion:237 Resp: 144189
Ion Ratio Lower Upper
237 100
235 63.8 43.0 83.0
272 13.0 0.0 33.3



#42
2,4,6-Tribromophenol
Concen: 77.804 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:330 Resp: 173707
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 29.6 23.3 34.9





#43

2,4,6-Trichlorophenol

Concen: 38.169 ng

RT: 9.233 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

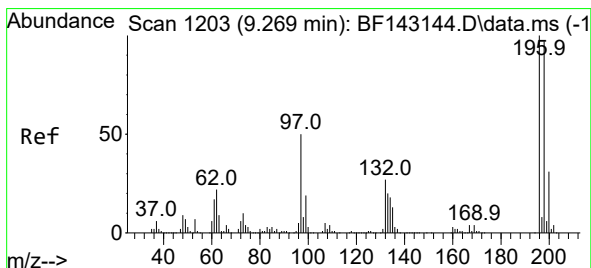
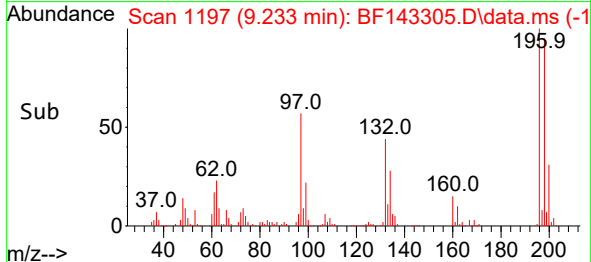
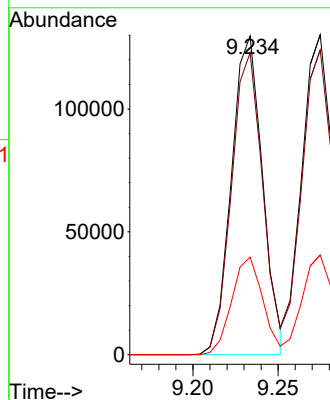
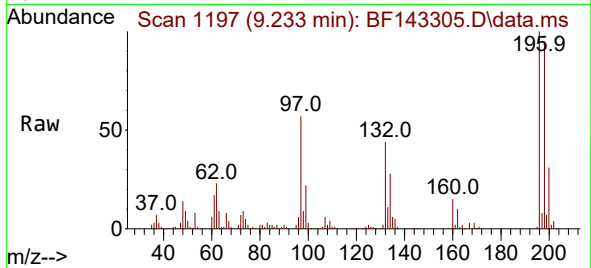
Tgt Ion:196 Resp: 164824

Ion Ratio Lower Upper

196 100

198 94.7 76.2 114.2

200 30.6 23.9 35.9



#44

2,4,5-Trichlorophenol

Concen: 40.004 ng

RT: 9.275 min Scan# 1204

Delta R.T. 0.006 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Tgt Ion:196 Resp: 172802

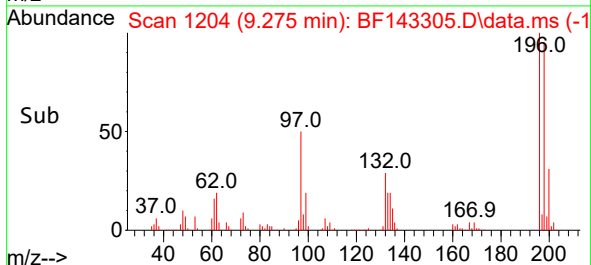
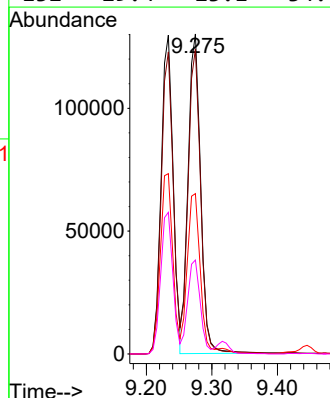
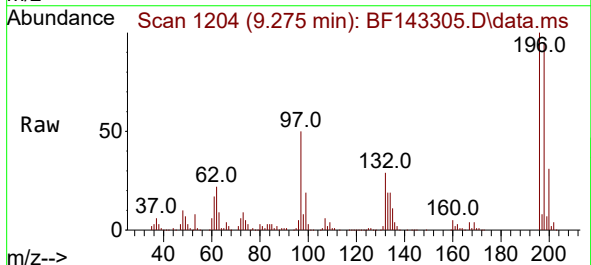
Ion Ratio Lower Upper

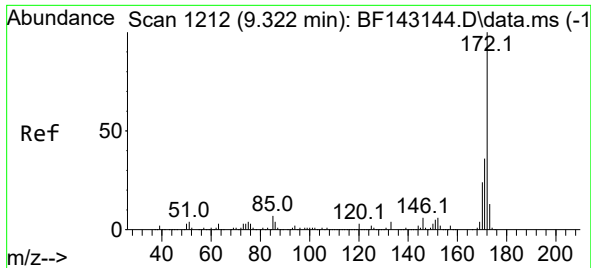
196 100

198 95.3 77.3 115.9

97 50.1 40.3 60.5

132 29.4 23.1 34.7

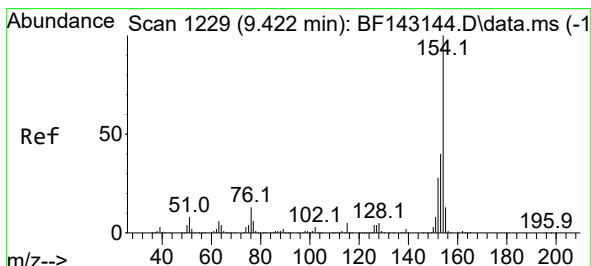
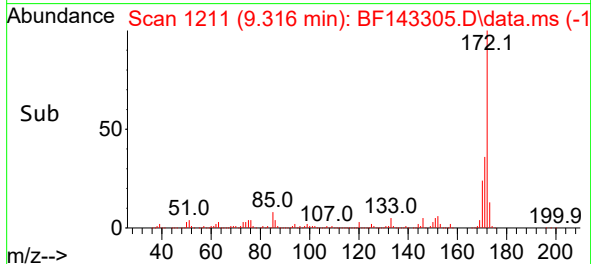
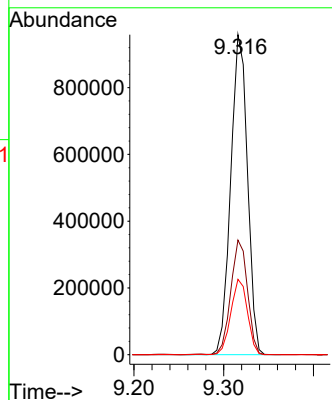
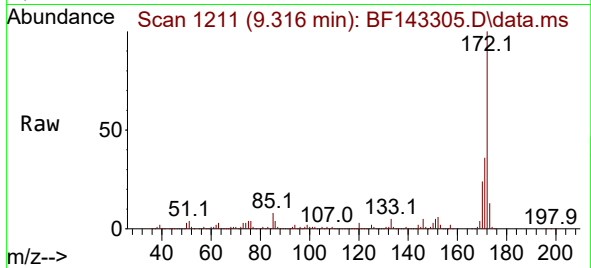




#45
2-Fluorobiphenyl
Concen: 78.589 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

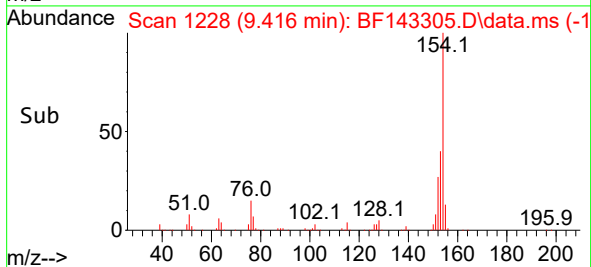
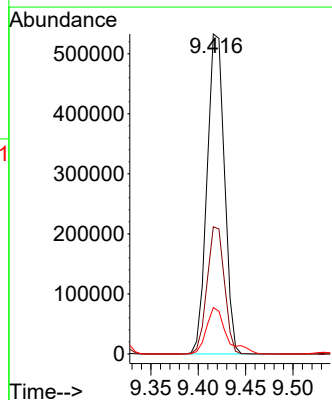
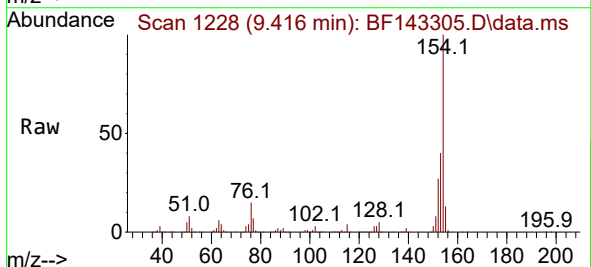
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

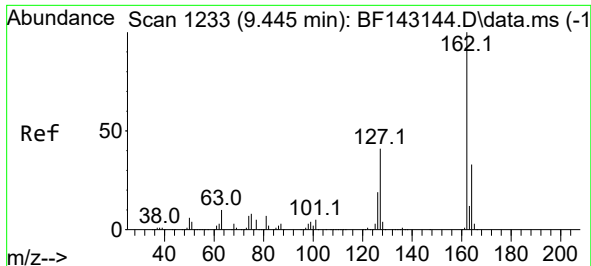
Tgt Ion:172 Resp: 1241906
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 40.319 ng
RT: 9.416 min Scan# 1228
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:154 Resp: 679840
Ion Ratio Lower Upper
154 100
153 39.8 20.3 60.3
76 14.5 0.0 33.3





#47

2-Chloronaphthalene

Concen: 39.988 ng

RT: 9.445 min Scan# 1233

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

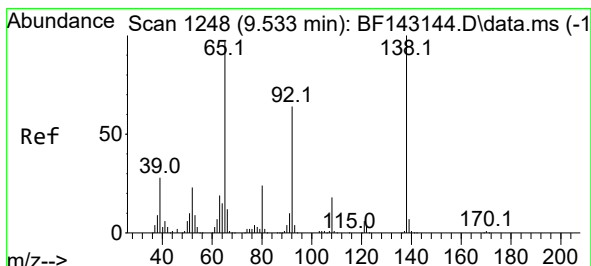
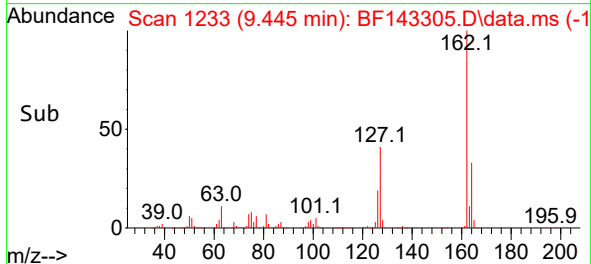
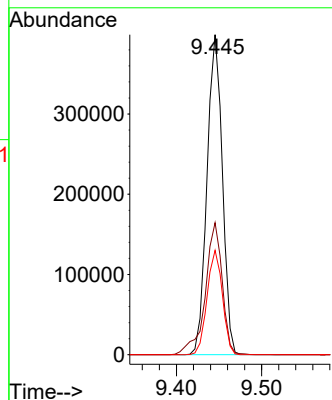
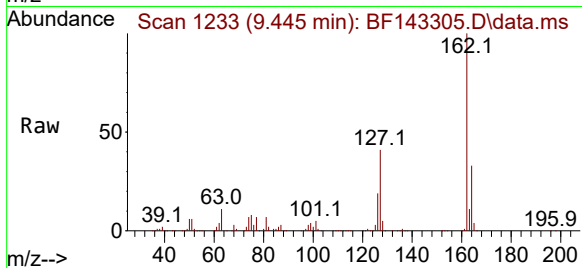
Tgt Ion:162 Resp: 498905

Ion Ratio Lower Upper

162 100

127 41.2 33.4 50.2

164 32.6 26.2 39.2



#48

2-Nitroaniline

Concen: 42.396 ng

RT: 9.533 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

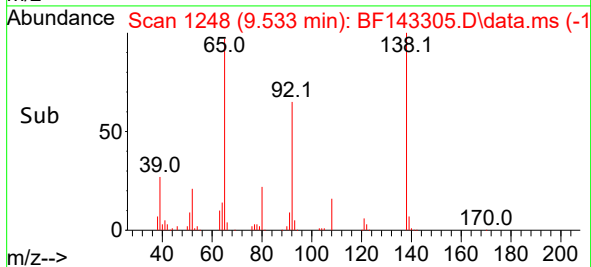
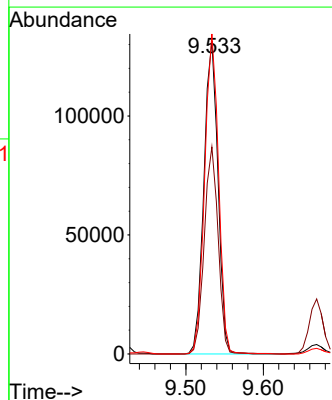
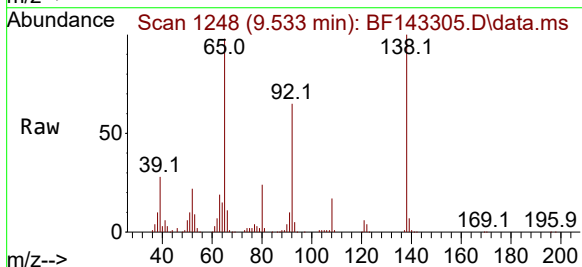
Tgt Ion: 65 Resp: 165874

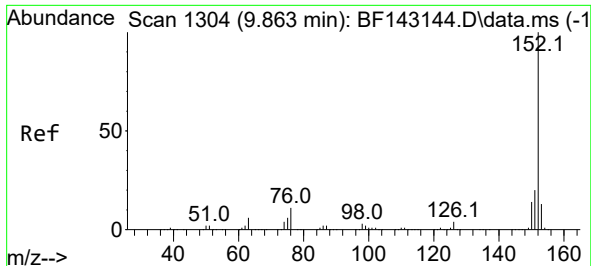
Ion Ratio Lower Upper

65 100

92 66.2 52.4 78.6

138 102.2 82.3 123.5





#49

Acenaphthylene

Concen: 39.337 ng

RT: 9.863 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

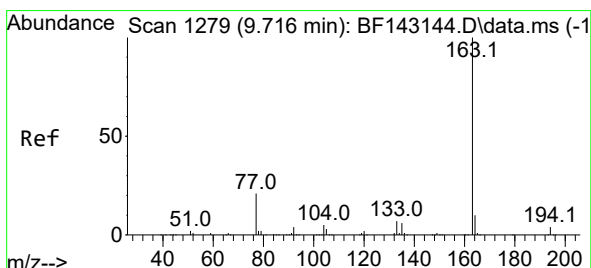
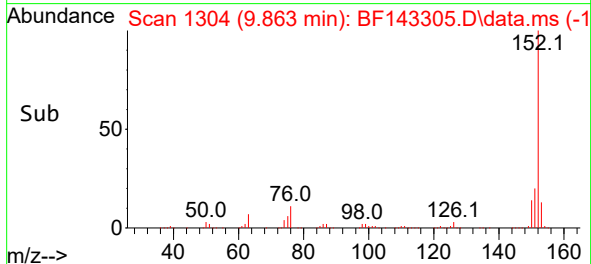
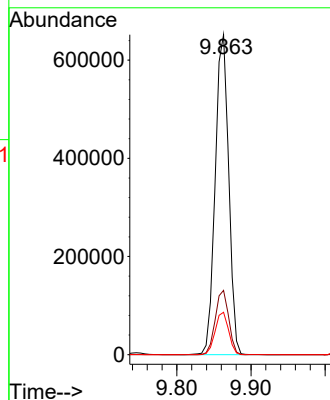
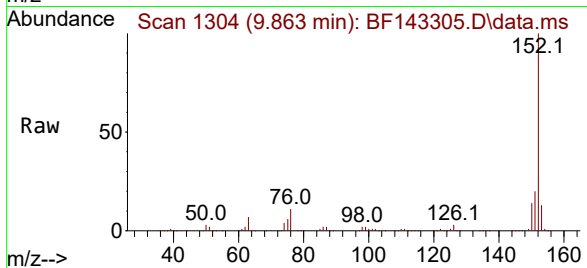
Tgt Ion:152 Resp: 822478

Ion Ratio Lower Upper

152 100

151 20.1 16.2 24.2

153 13.3 10.6 16.0



#50

Dimethylphthalate

Concen: 39.355 ng

RT: 9.716 min Scan# 1279

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

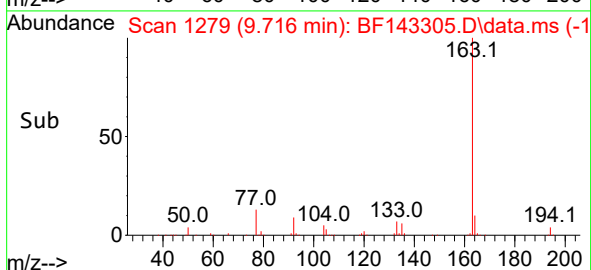
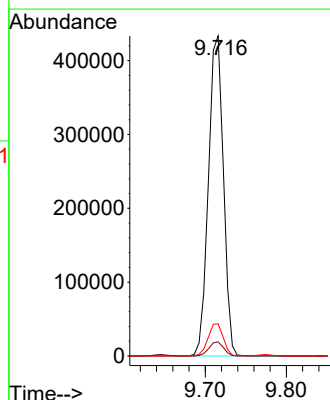
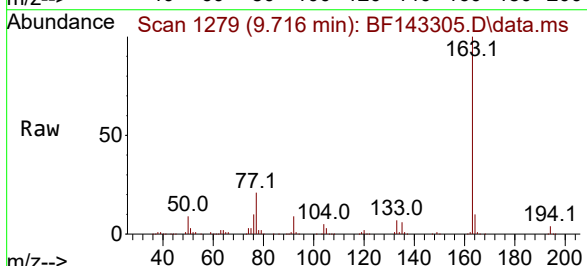
Tgt Ion:163 Resp: 554408

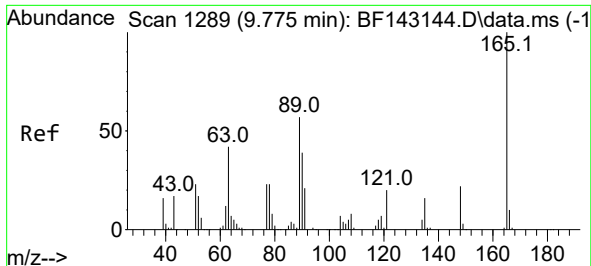
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.1 8.3 12.5

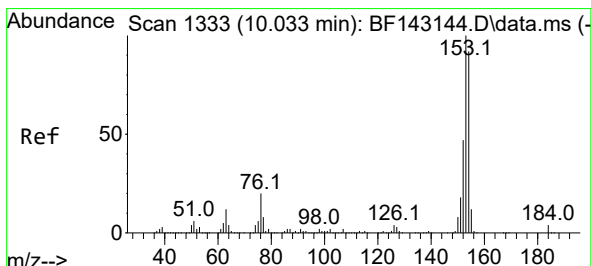
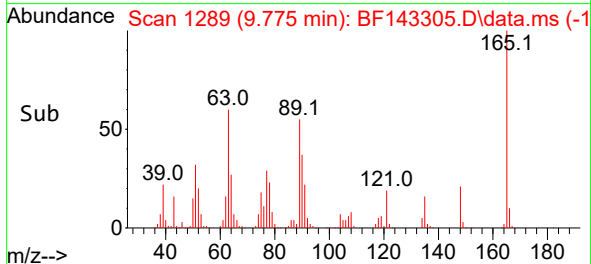
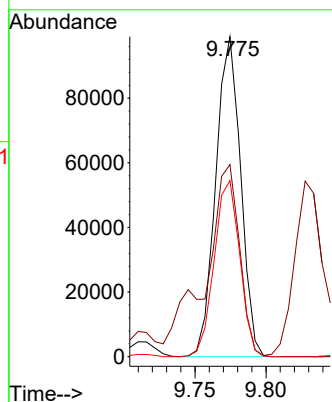
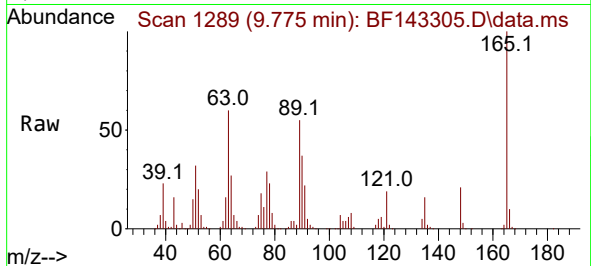




#51
2,6-Dinitrotoluene
Concen: 42.105 ng
RT: 9.775 min Scan# 1289
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

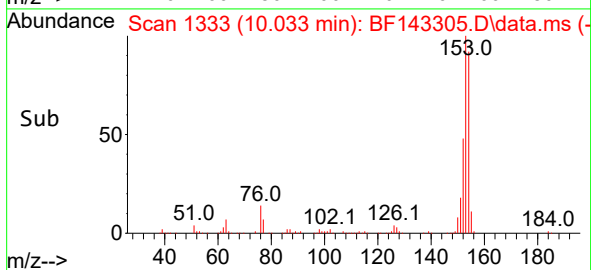
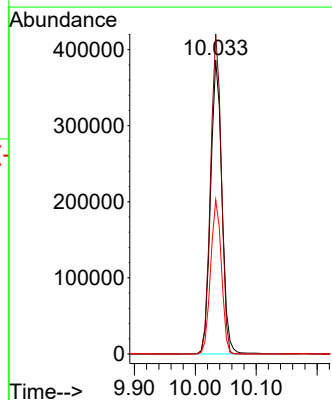
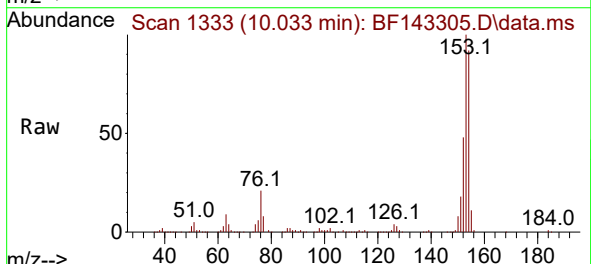
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

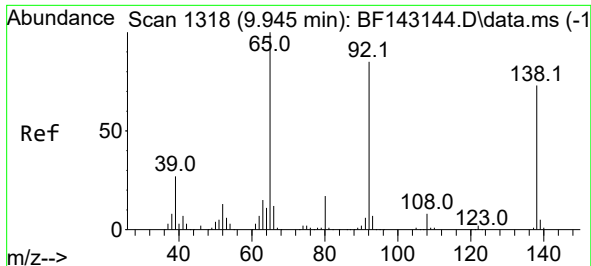
Tgt Ion:165 Resp: 120661
Ion Ratio Lower Upper
165 100
63 60.0 49.4 74.2
89 55.0 46.2 69.2



#52
Acenaphthene
Concen: 40.487 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:154 Resp: 500323
Ion Ratio Lower Upper
154 100
153 108.9 86.6 129.8
152 52.4 40.4 60.6

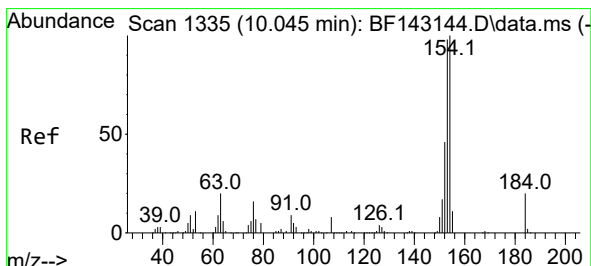
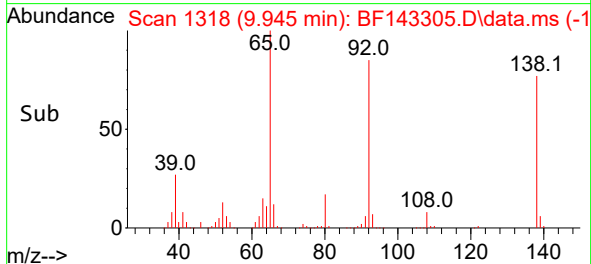
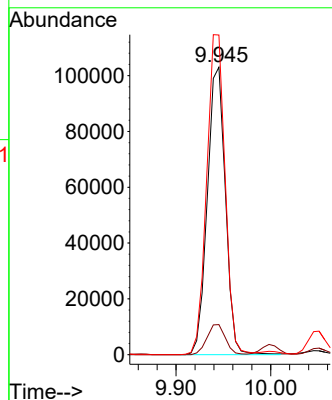
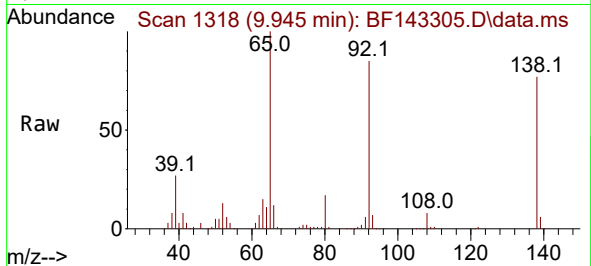




#53
3-Nitroaniline
Concen: 40.747 ng
RT: 9.945 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

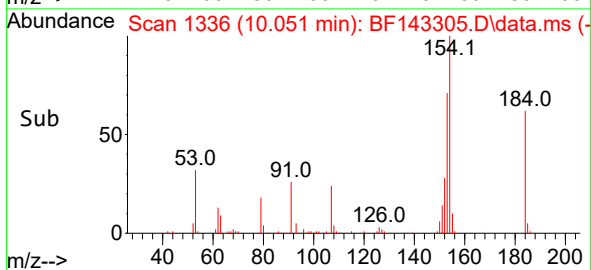
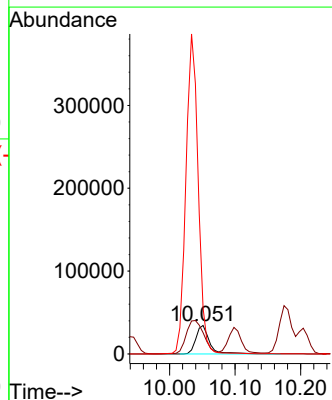
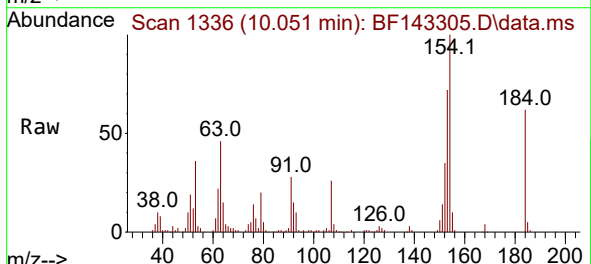
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

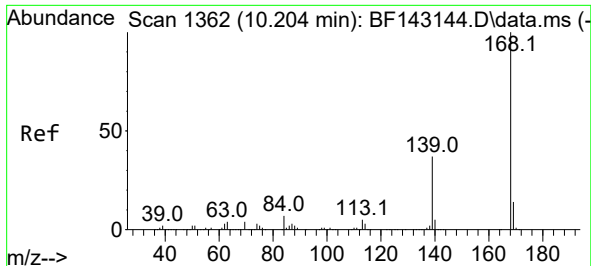
Tgt Ion:138 Resp: 136582
Ion Ratio Lower Upper
138 100
108 10.4 9.0 13.6
92 111.2 93.0 139.4



#54
2,4-Dinitrophenol
Concen: 41.665 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:184 Resp: 49591
Ion Ratio Lower Upper
184 100
63 75.0 81.8 122.6#
154 161.8 412.2 618.4#

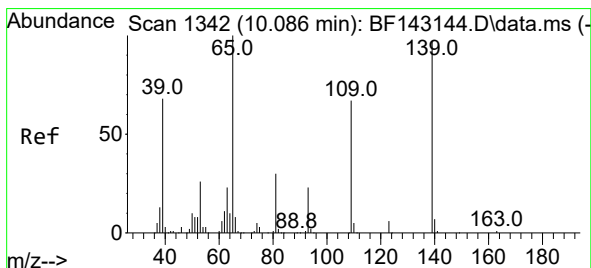
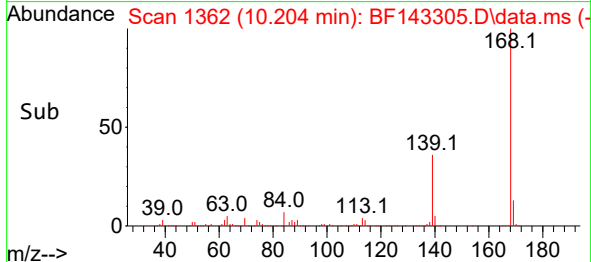
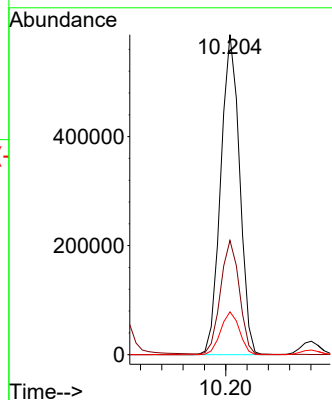
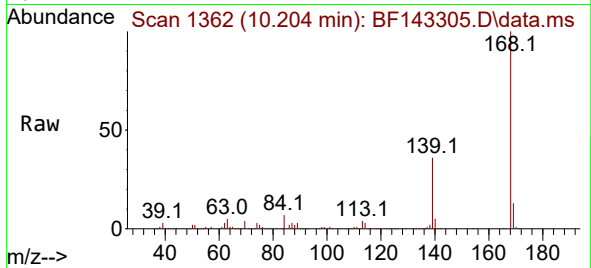




#55
Dibenzofuran
Concen: 39.219 ng
RT: 10.204 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

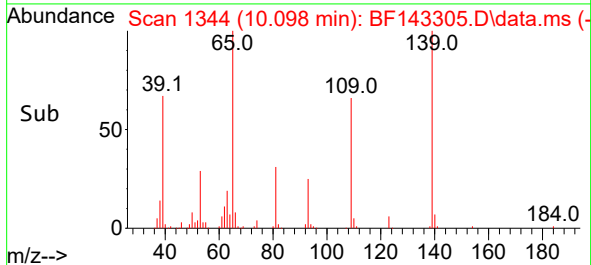
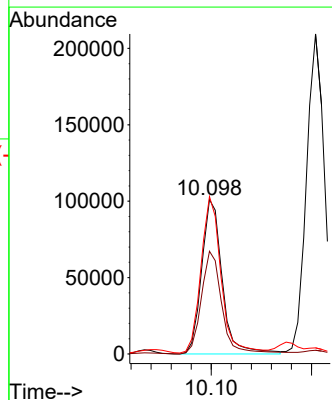
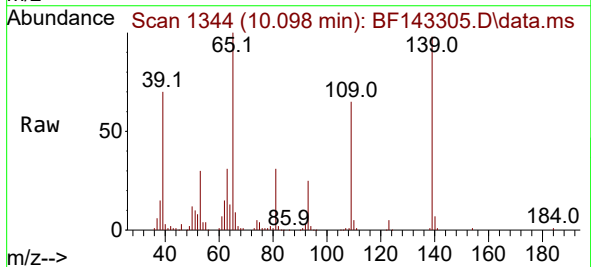
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

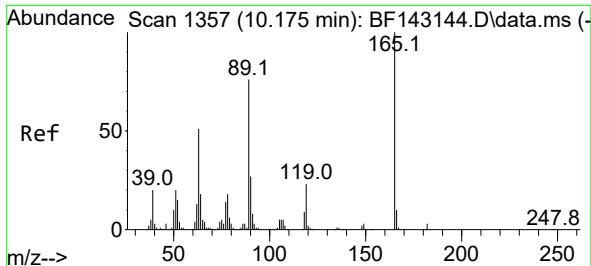
Tgt Ion:168 Resp: 719575
Ion Ratio Lower Upper
168 100
139 35.7 29.5 44.3
169 13.4 10.9 16.3



#56
4-Nitrophenol
Concen: 57.785 ng
RT: 10.098 min Scan# 1344
Delta R.T. 0.012 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:139 Resp: 144639
Ion Ratio Lower Upper
139 100
109 66.6 48.5 88.5
65 102.1 83.4 123.4

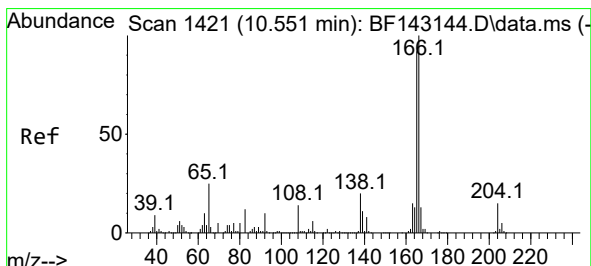
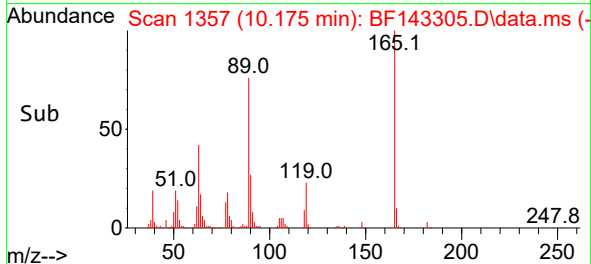
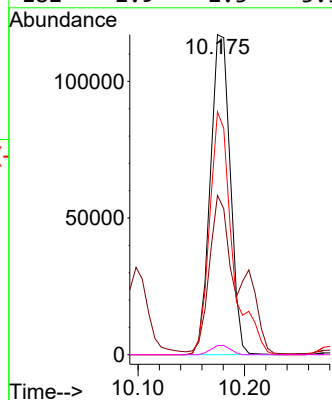
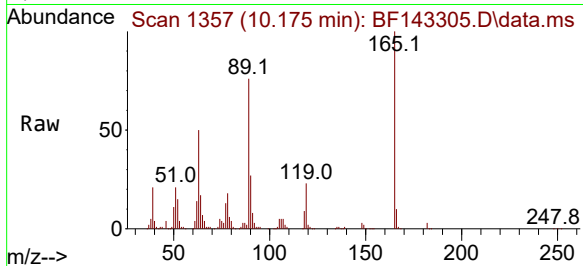




#57
2,4-Dinitrotoluene
Concen: 42.487 ng
RT: 10.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

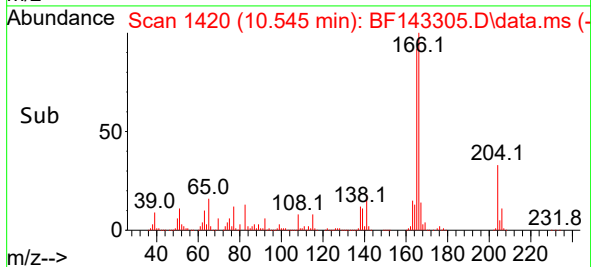
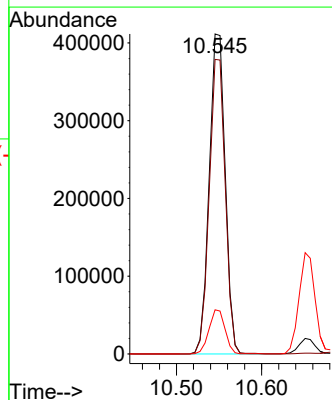
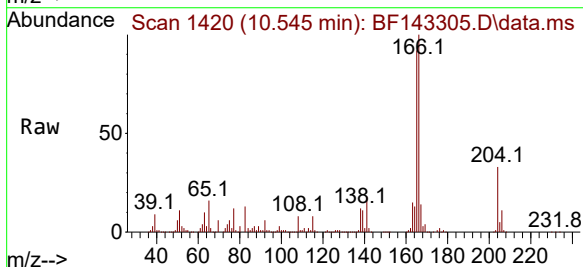
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

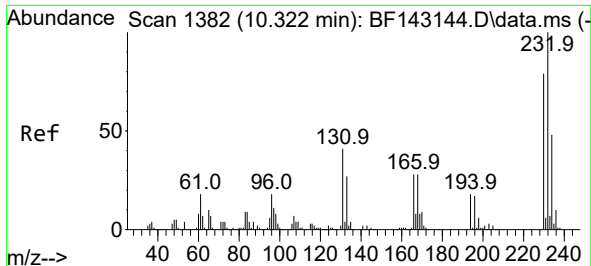
Tgt Ion:	165	Resp:	152755
Ion Ratio	Lower	Upper	
165	100		
63	49.8	41.0	61.4
89	75.9	61.1	91.7
182	2.9	2.3	3.5



#58
Fluorene
Concen: 39.080 ng
RT: 10.545 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:	166	Resp:	538130
Ion Ratio	Lower	Upper	
166	100		
165	92.1	73.7	110.5
167	13.8	10.6	16.0

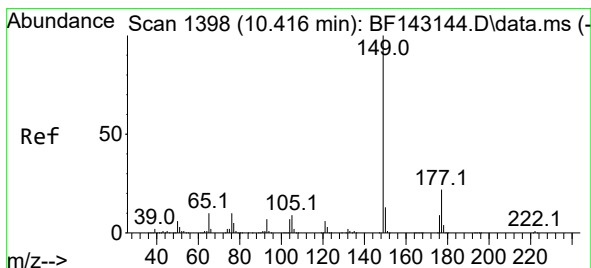
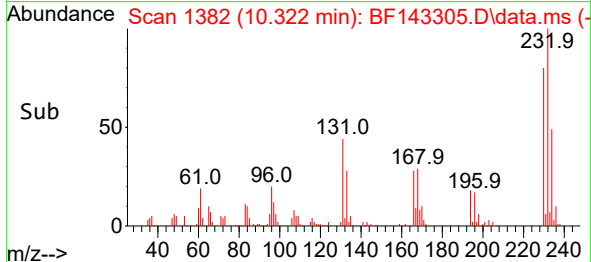
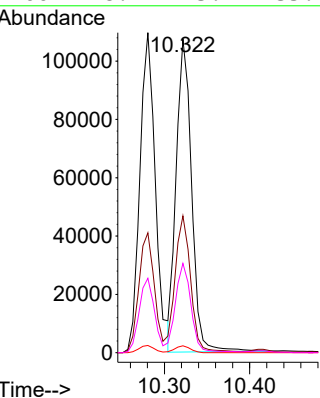
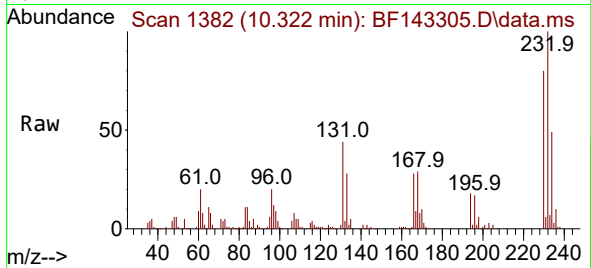




#59
2,3,4,6-Tetrachlorophenol
Concen: 37.715 ng
RT: 10.322 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

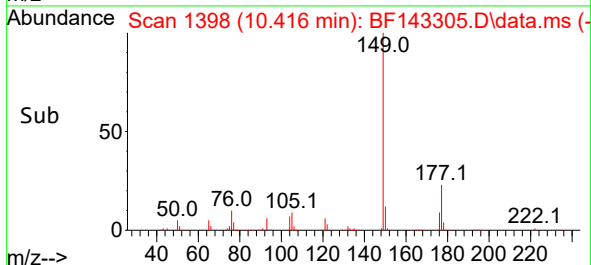
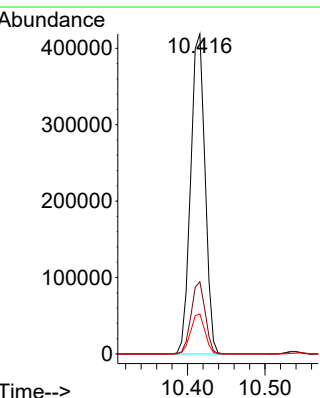
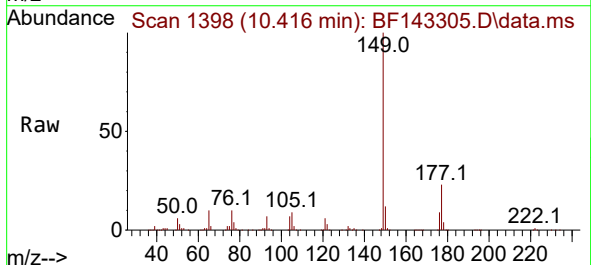
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

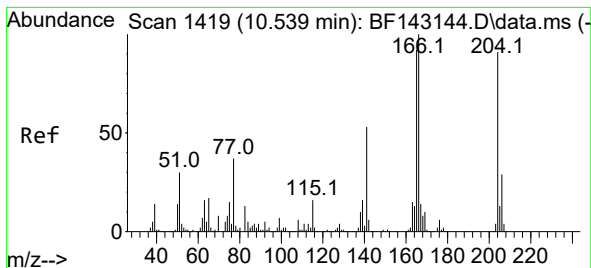
Tgt Ion:232 Resp: 134953
Ion Ratio Lower Upper
232 100
131 44.7 35.3 52.9
130 2.2 1.7 2.5
166 28.4 23.4 35.2



#60
Diethylphthalate
Concen: 38.833 ng
RT: 10.416 min Scan# 1398
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:149 Resp: 540701
Ion Ratio Lower Upper
149 100
177 22.6 17.5 26.3
150 12.5 10.2 15.2

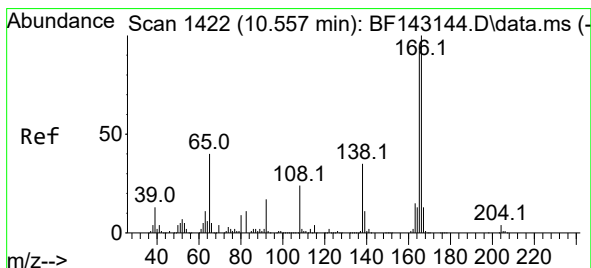
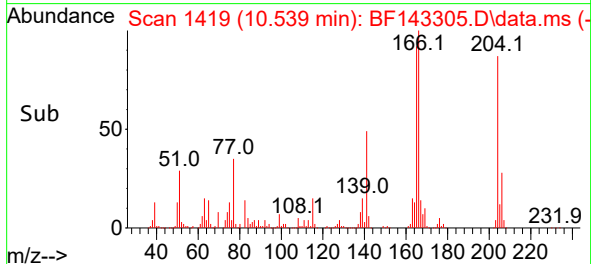
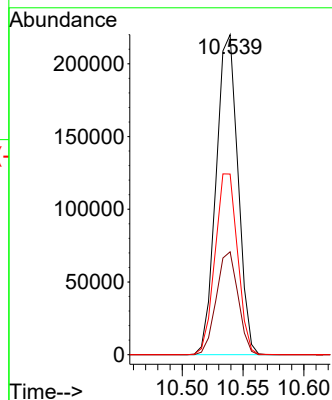
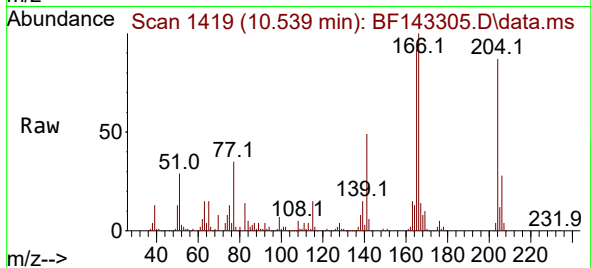




#61
4-Chlorophenyl-phenylether
Concen: 40.037 ng
RT: 10.539 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

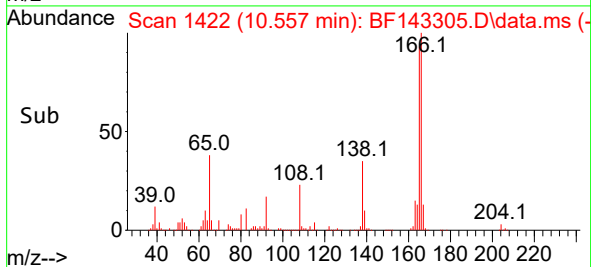
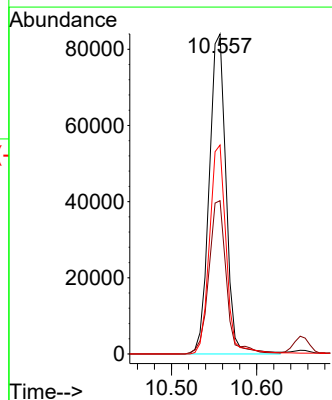
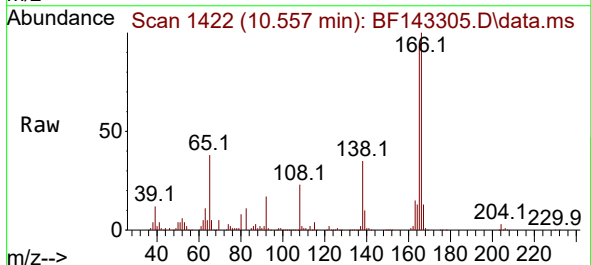
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

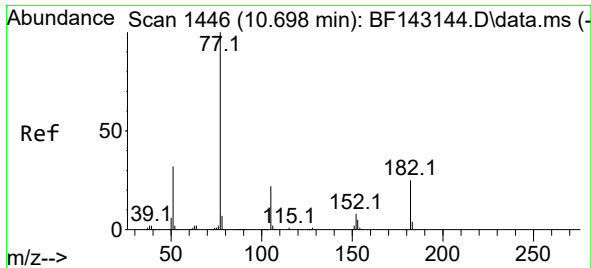
Tgt Ion:204 Resp: 274523
Ion Ratio Lower Upper
204 100
206 32.1 25.8 38.8
141 56.5 47.0 70.4



#62
4-Nitroaniline
Concen: 40.169 ng
RT: 10.557 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:138 Resp: 115398
Ion Ratio Lower Upper
138 100
92 47.9 29.3 69.3
108 65.3 48.3 88.3

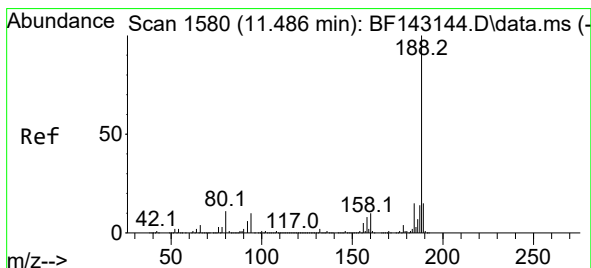
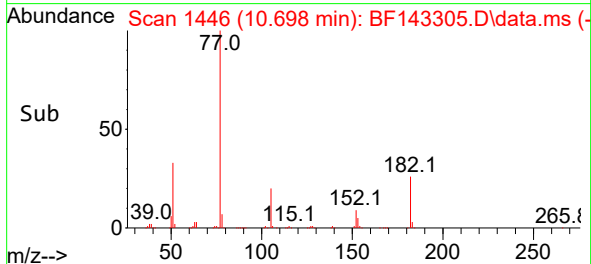
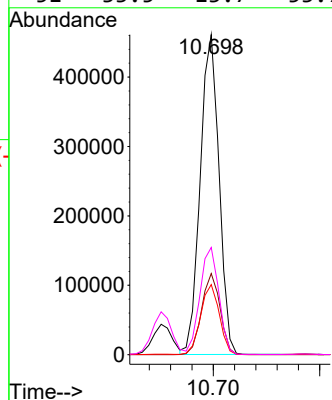
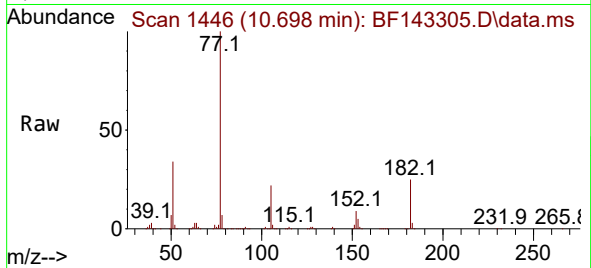




#63
Azobenzene
Concen: 39.070 ng
RT: 10.698 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

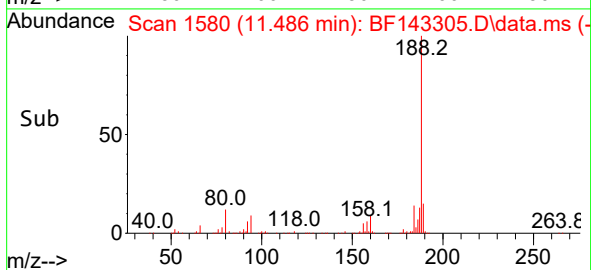
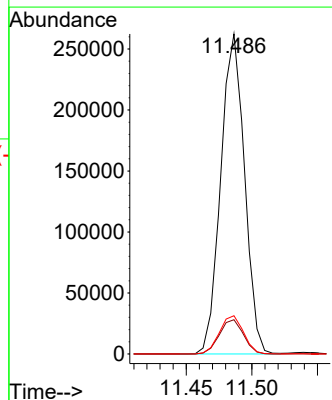
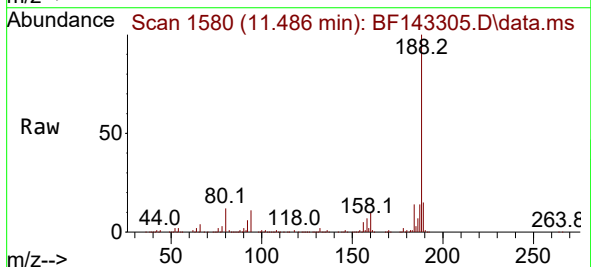
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

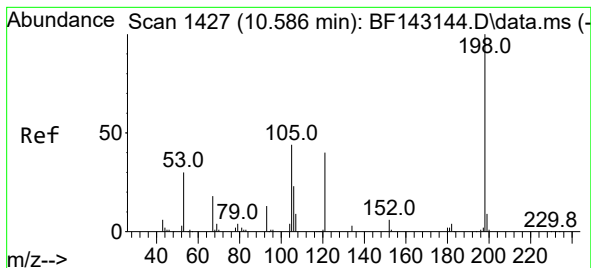
Tgt Ion: 77	Resp: 566976
Ion Ratio	Lower Upper
77 100	
182 25.4	4.6 44.6
105 21.9	1.4 41.4
51 33.5	13.7 53.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:188	Resp: 330581
Ion Ratio	Lower Upper
188 100	
94 10.7	8.3 12.5
80 11.9	9.0 13.6

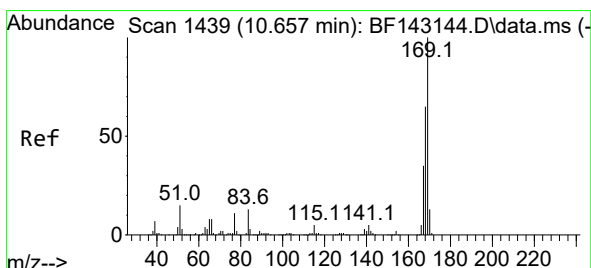
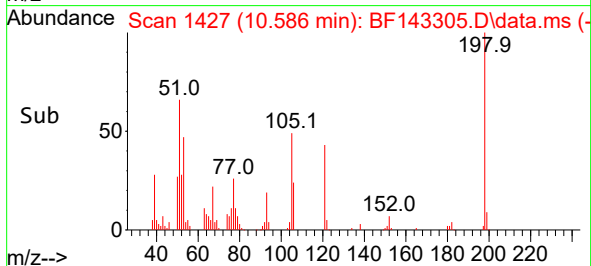
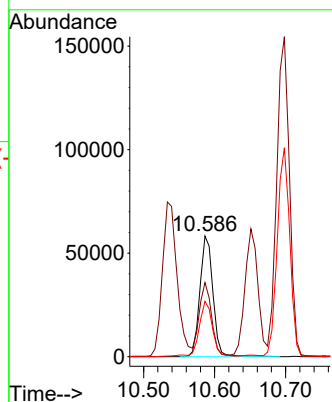
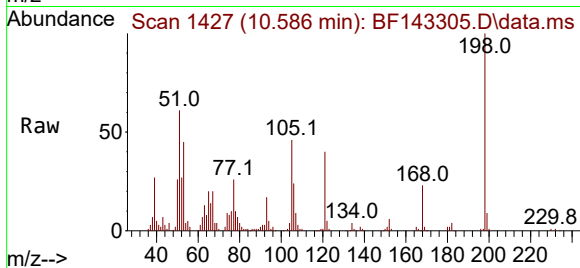




#65
4,6-Dinitro-2-methylphenol
Concen: 43.445 ng
RT: 10.586 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

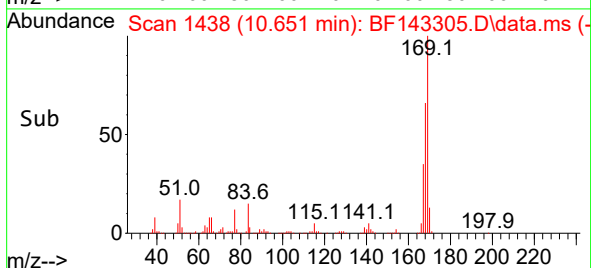
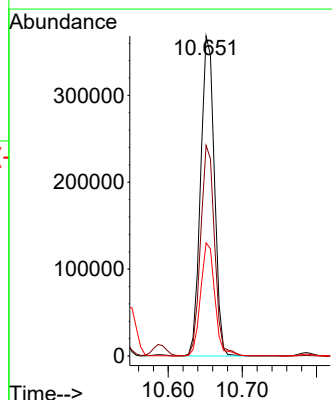
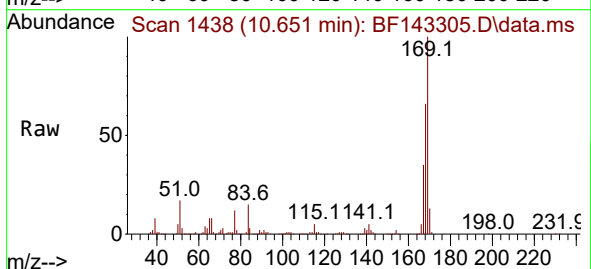
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

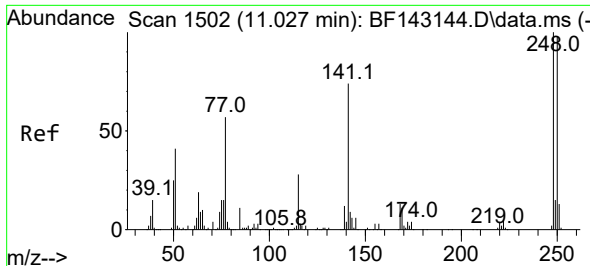
Tgt Ion:198 Resp: 74287
Ion Ratio Lower Upper
198 100
51 61.4 37.2 77.2
105 45.9 24.8 64.8



#66
n-Nitrosodiphenylamine
Concen: 40.687 ng
RT: 10.651 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:169 Resp: 473628
Ion Ratio Lower Upper
169 100
168 65.8 52.1 78.1
167 35.4 28.2 42.2

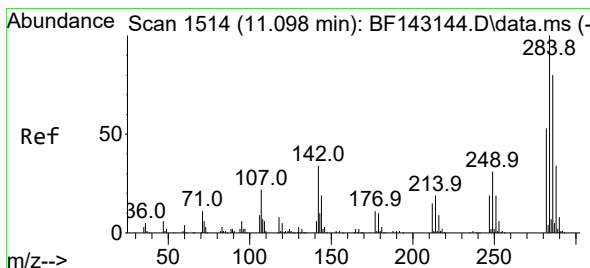
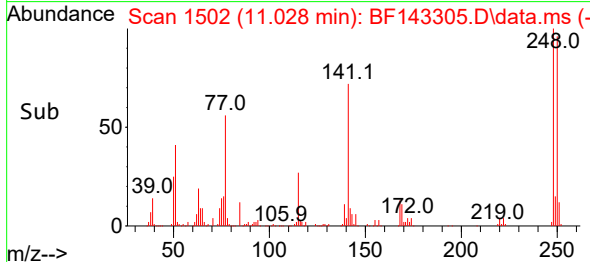
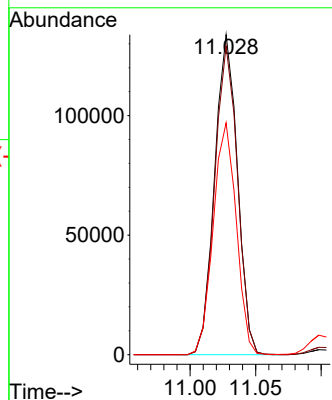
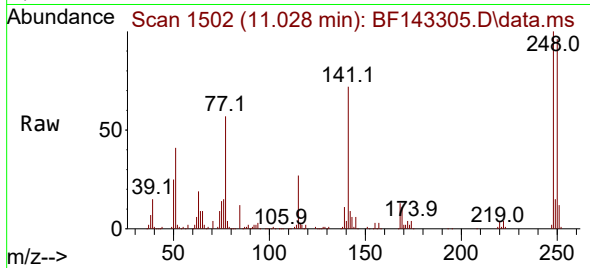




#67
4-Bromophenyl-phenylether
Concen: 41.106 ng
RT: 11.028 min Scan# 1502
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

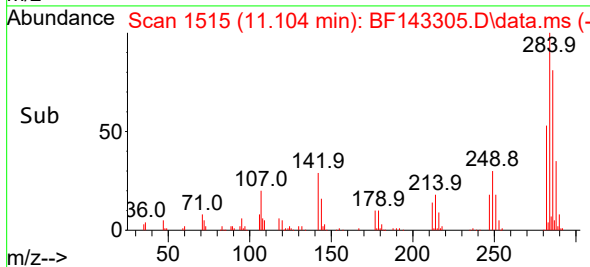
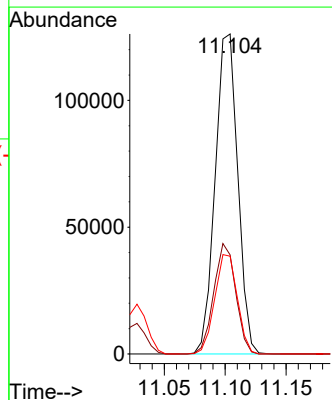
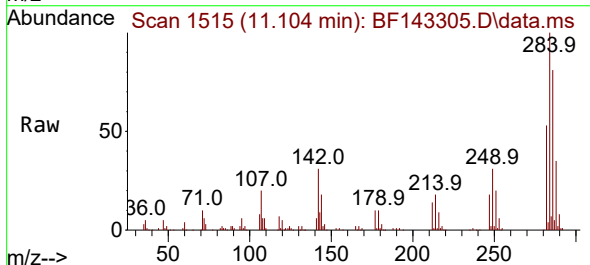
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

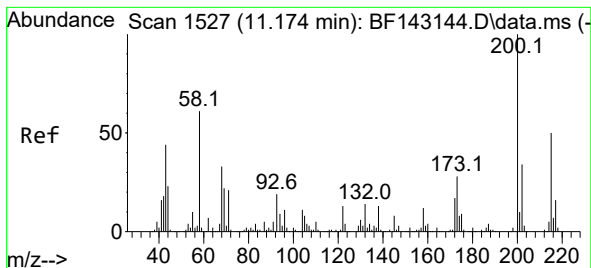
Tgt Ion:248 Resp: 161943
Ion Ratio Lower Upper
248 100
250 96.5 78.3 117.5
141 72.5 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.488 ng
RT: 11.104 min Scan# 1515
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:284 Resp: 162603
Ion Ratio Lower Upper
284 100
142 30.9 27.0 40.6
249 30.5 25.0 37.6





#69

Atrazine

Concen: 41.949 ng

RT: 11.175 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

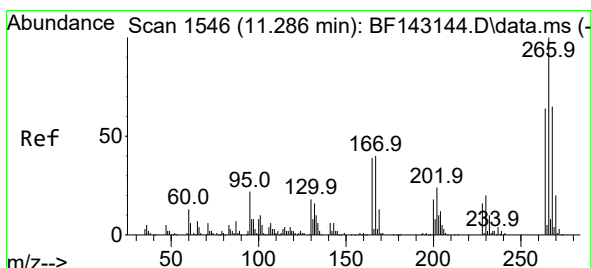
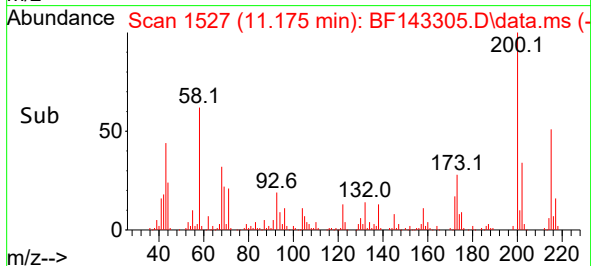
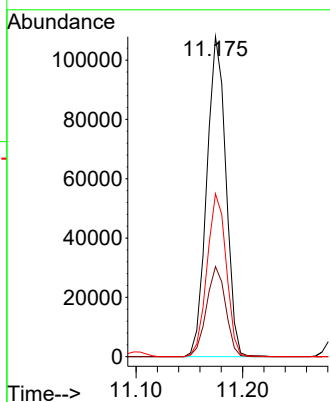
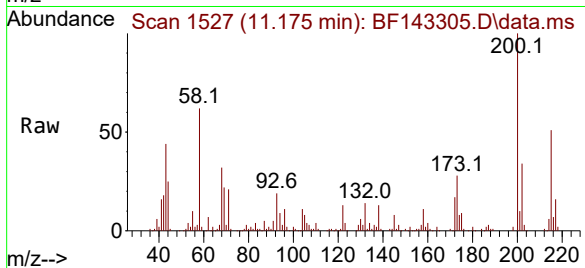
Tgt Ion:200 Resp: 134626

Ion Ratio Lower Upper

200 100

173 28.1 7.9 47.9

215 50.9 30.1 70.1



#70

Pentachlorophenol

Concen: 34.958 ng

RT: 11.292 min Scan# 1547

Delta R.T. 0.006 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

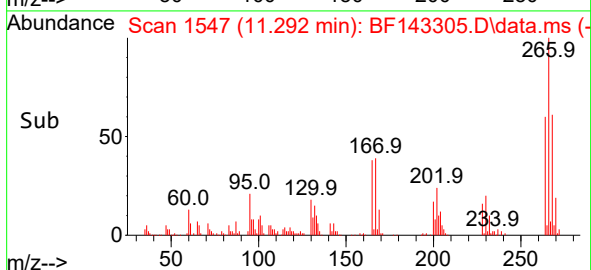
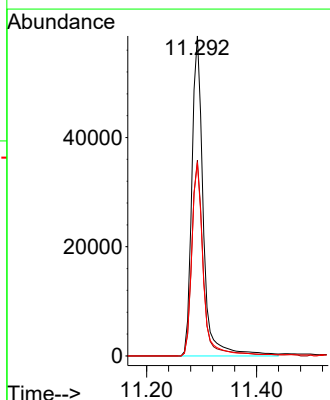
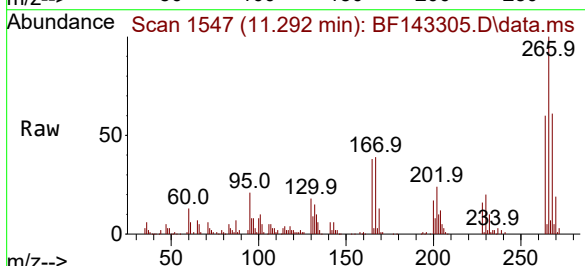
Tgt Ion:266 Resp: 84653

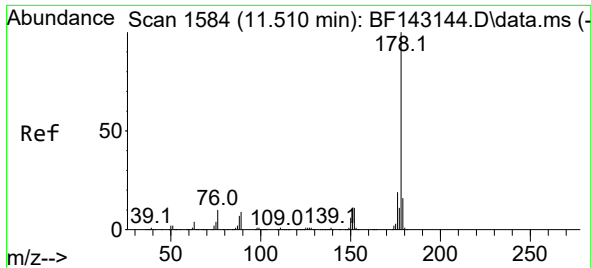
Ion Ratio Lower Upper

266 100

268 61.1 51.9 77.9

264 60.4 51.0 76.6

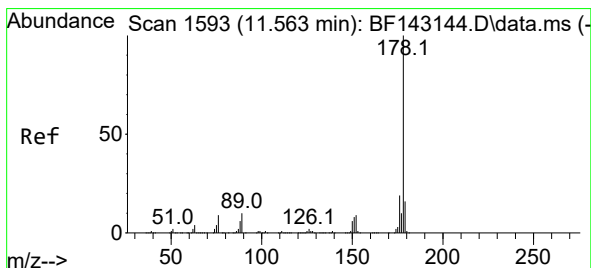
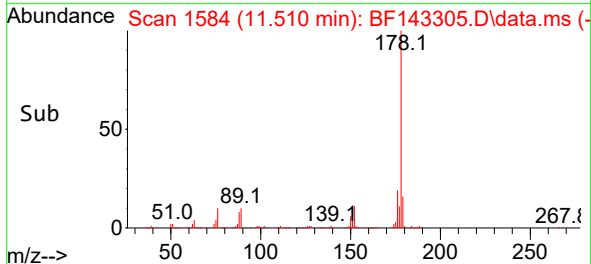
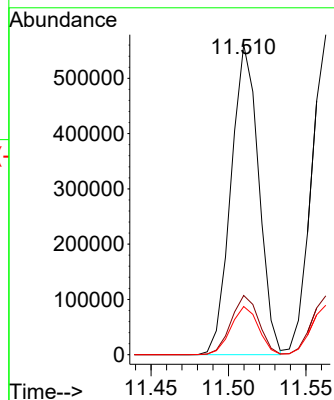
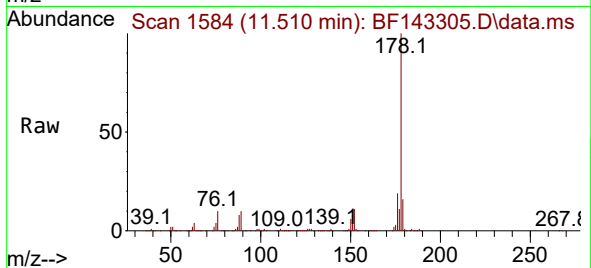




#71
Phenanthrene
Concen: 39.699 ng
RT: 11.510 min Scan# 1584
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

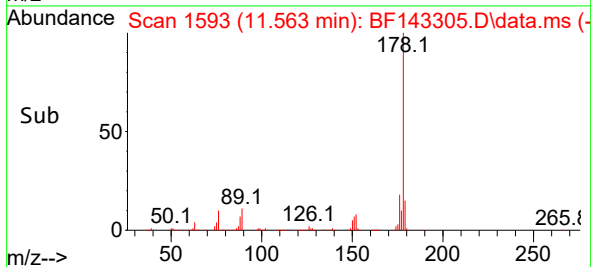
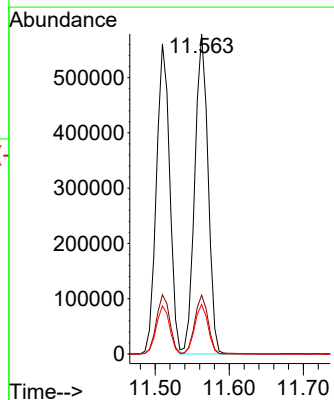
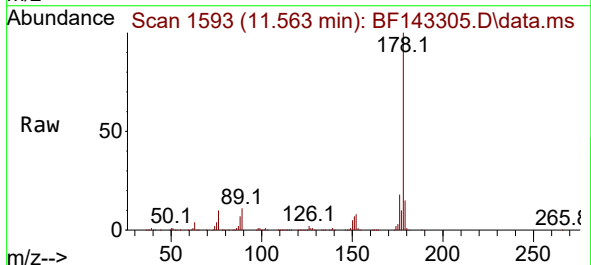
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

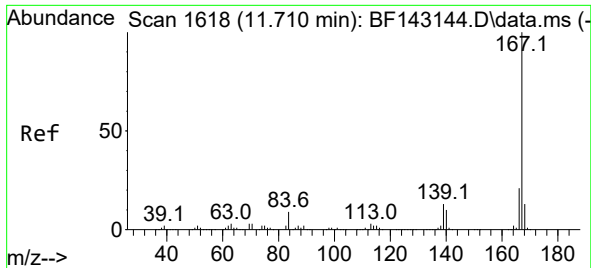
Tgt Ion:178 Resp: 696835
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.6 12.5 18.7



#72
Anthracene
Concen: 40.065 ng
RT: 11.563 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:178 Resp: 717238
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.4 12.5 18.7

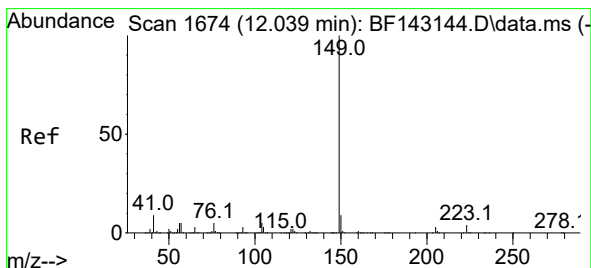
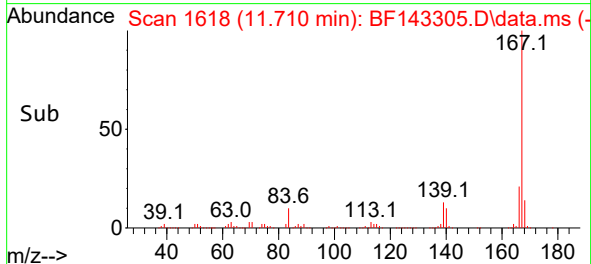
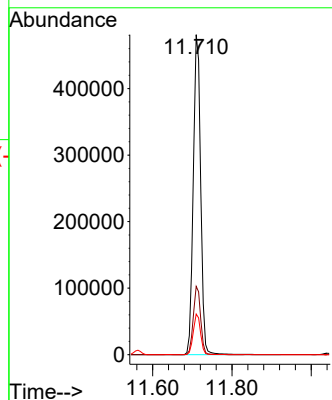
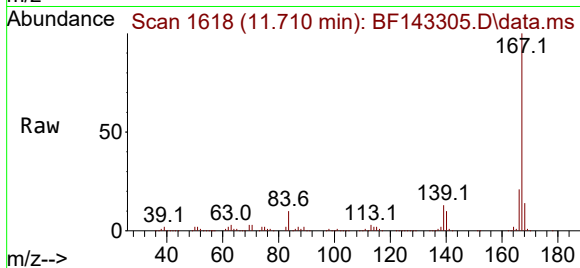




#73
 Carbazole
 Concen: 39.925 ng
 RT: 11.710 min Scan# 1618
 Delta R.T. 0.000 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

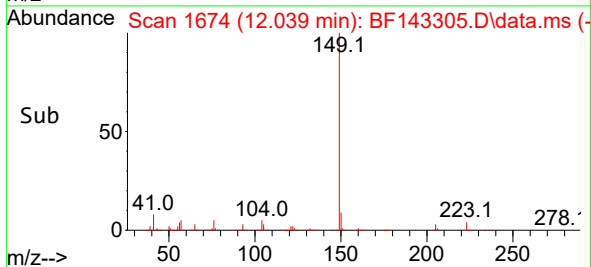
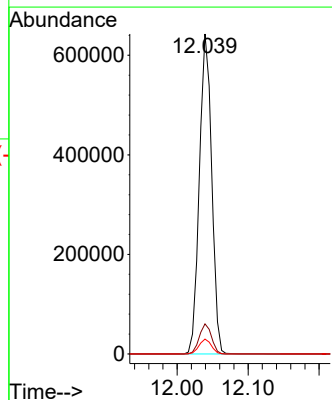
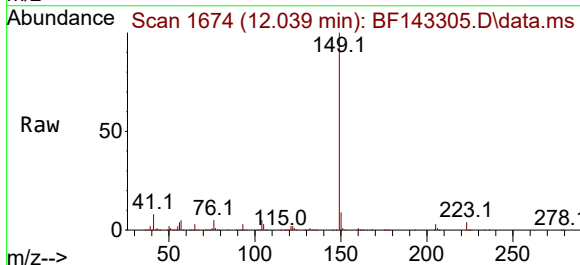
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

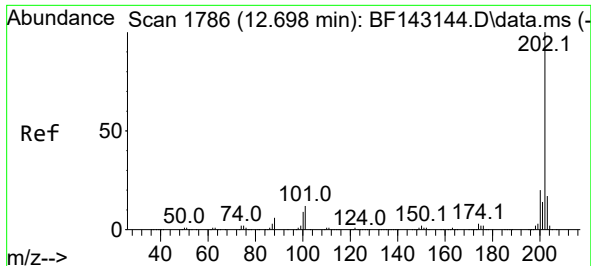
Tgt Ion:167 Resp: 624105
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 44.026 ng
 RT: 12.039 min Scan# 1674
 Delta R.T. 0.000 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

Tgt Ion:149 Resp: 778708
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 4.7 3.8 5.8

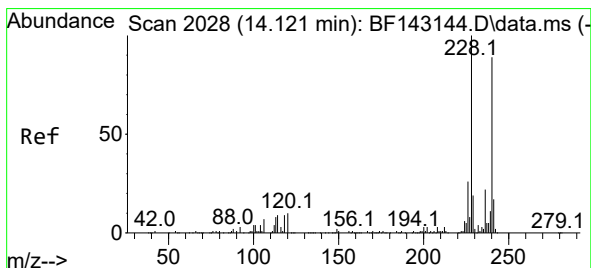
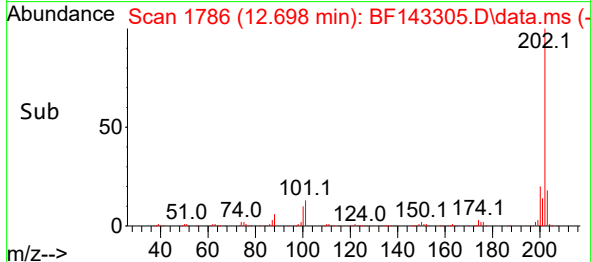
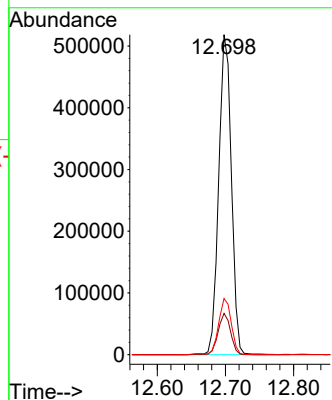
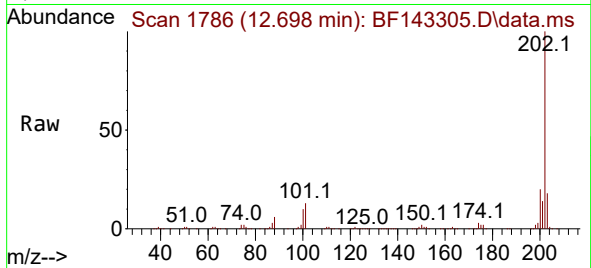




#75
Fluoranthene
Concen: 41.516 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

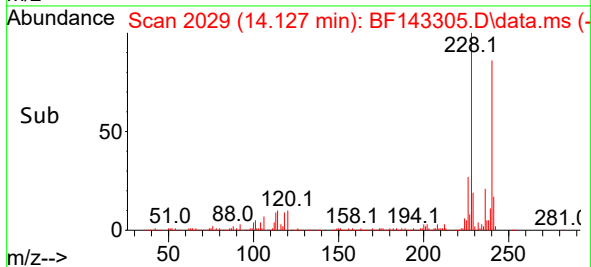
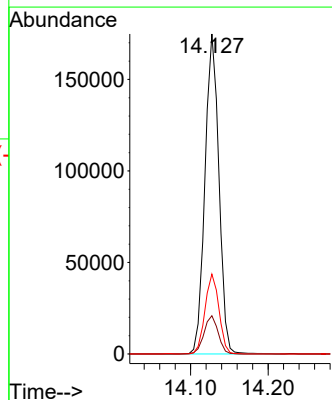
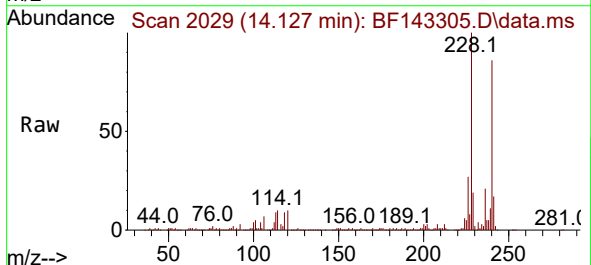
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

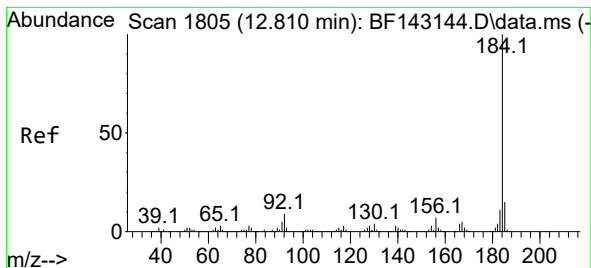
Tgt Ion:202 Resp: 668876
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.7
203 17.5 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:240 Resp: 218496
Ion Ratio Lower Upper
240 100
120 12.0 9.4 14.2
236 25.0 20.2 30.4





#77

Benzidine

Concen: 25.479 ng

RT: 12.816 min Scan# 1806

Delta R.T. 0.006 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

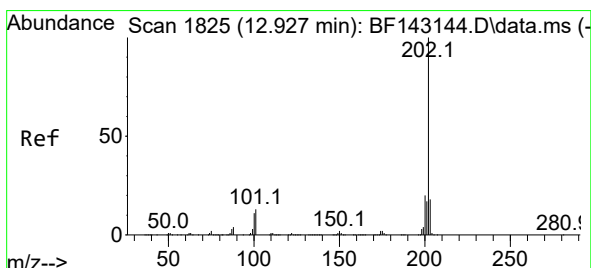
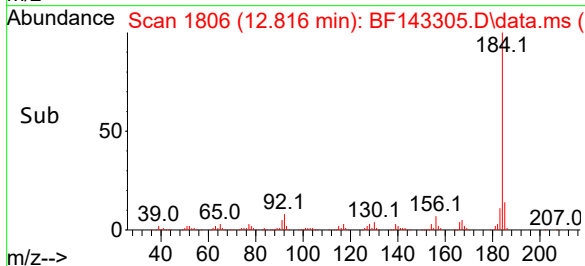
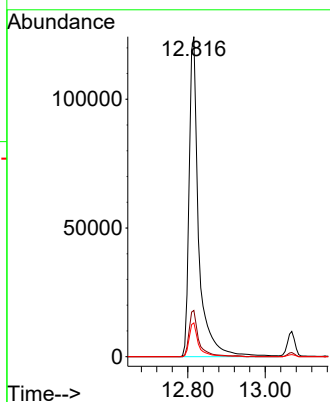
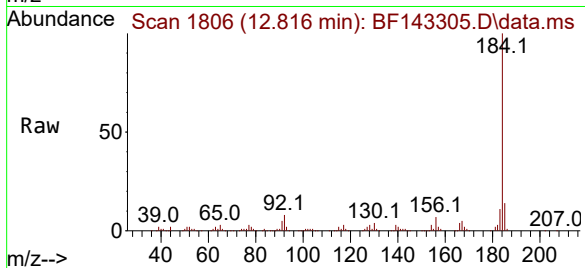
Tgt Ion:184 Resp: 214485

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

183 10.6 9.0 13.4



#78

Pyrene

Concen: 36.445 ng

RT: 12.927 min Scan# 1825

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

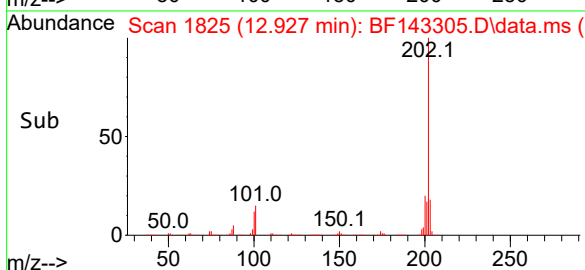
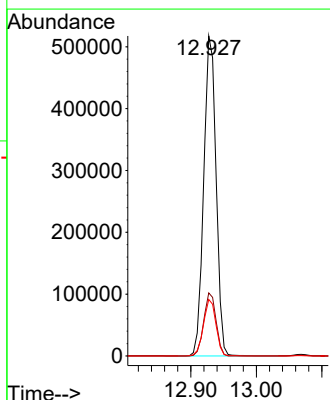
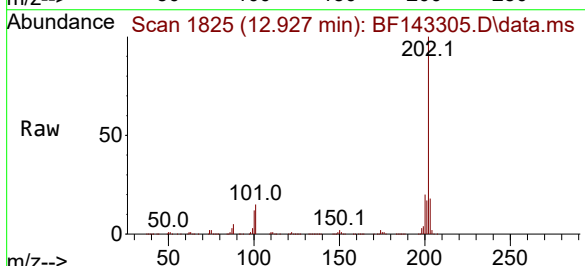
Tgt Ion:202 Resp: 679600

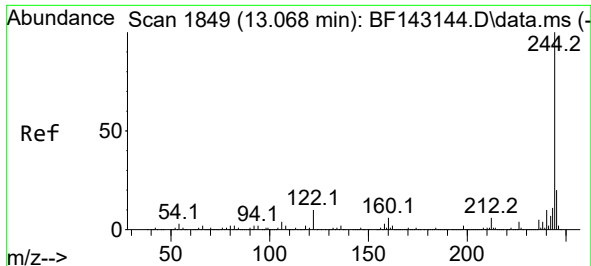
Ion Ratio Lower Upper

202 100

200 19.7 15.7 23.5

203 17.7 14.2 21.2

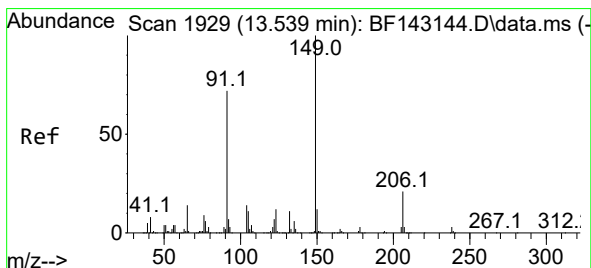
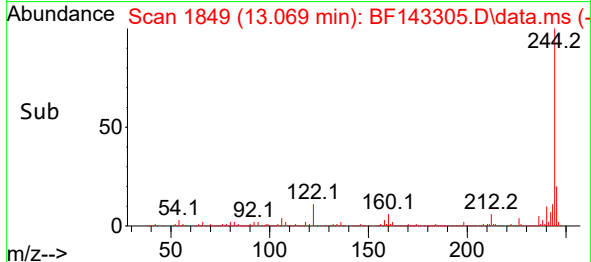
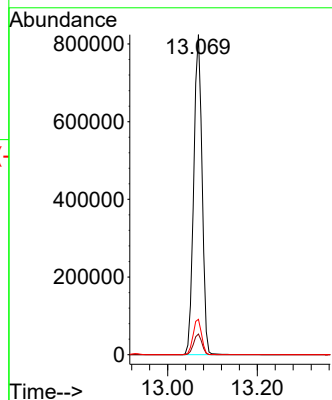
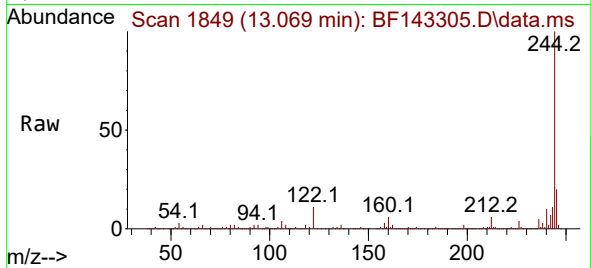




#79
 Terphenyl-d14
 Concen: 72.274 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

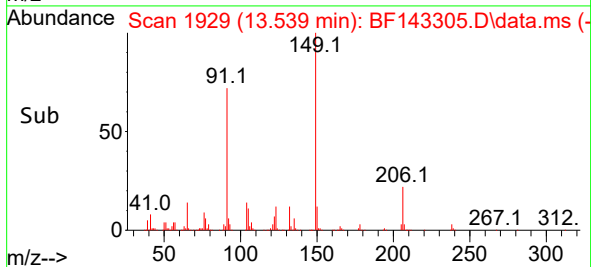
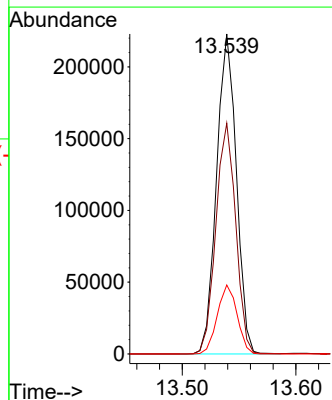
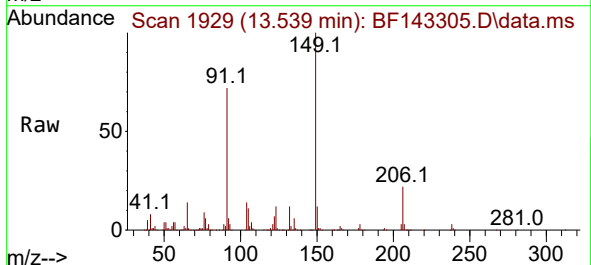
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

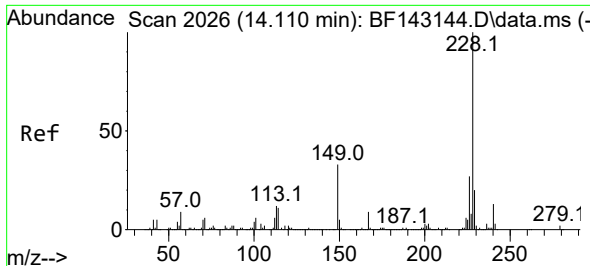
Tgt Ion:244 Resp: 1061185
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 11.0 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 47.313 ng
 RT: 13.539 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF143305.D
 Acq: 05 Aug 2025 10:00

Tgt Ion:149 Resp: 270164
 Ion Ratio Lower Upper
 149 100
 91 72.1 57.9 86.9
 206 21.6 17.0 25.4

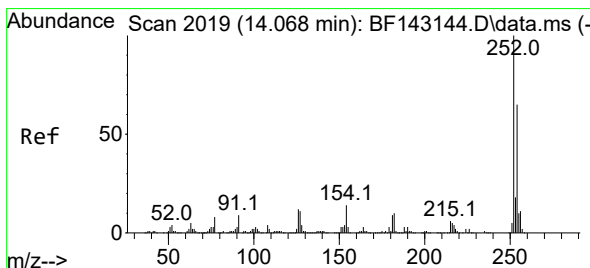
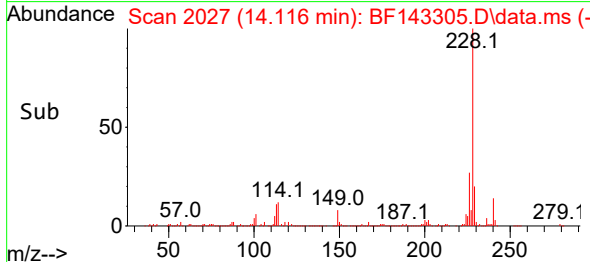
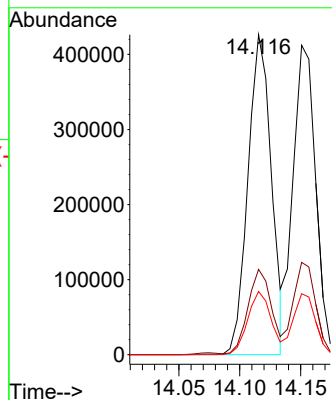
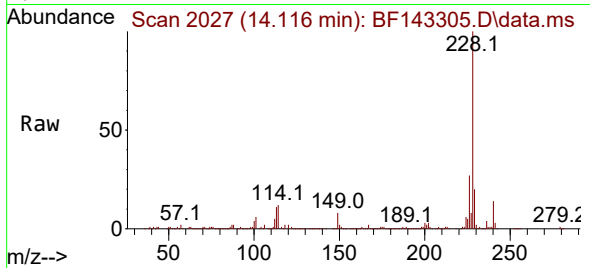




#81
Benzo(a)anthracene
Concen: 39.021 ng
RT: 14.116 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

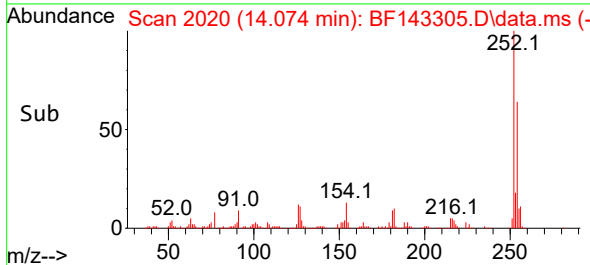
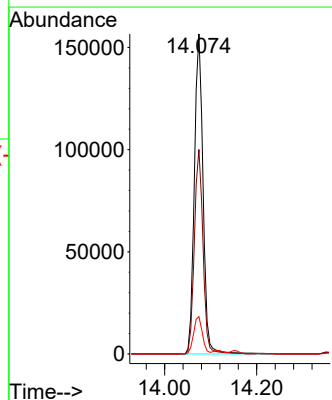
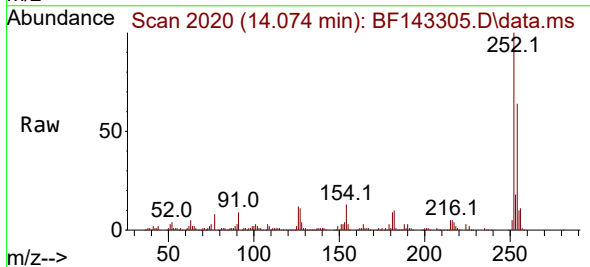
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

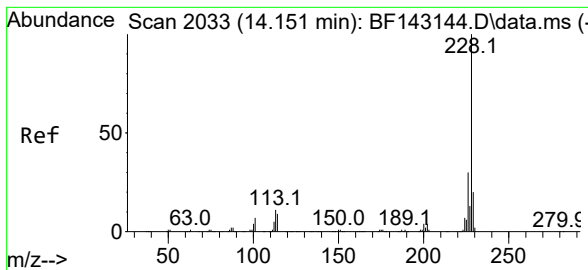
Tgt Ion:228 Resp: 570817
Ion Ratio Lower Upper
228 100
226 26.7 21.7 32.5
229 19.8 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 41.914 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:252 Resp: 204352
Ion Ratio Lower Upper
252 100
254 63.9 51.7 77.5
126 11.7 9.4 14.0





#83

Chrysene

Concen: 40.913 ng

RT: 14.151 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

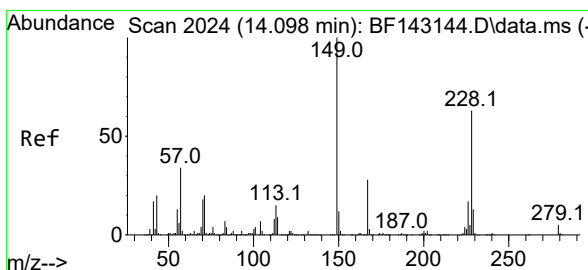
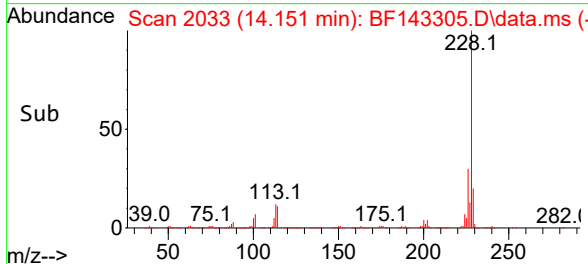
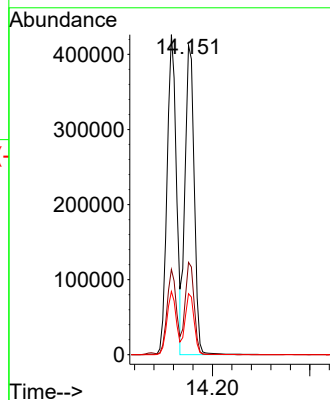
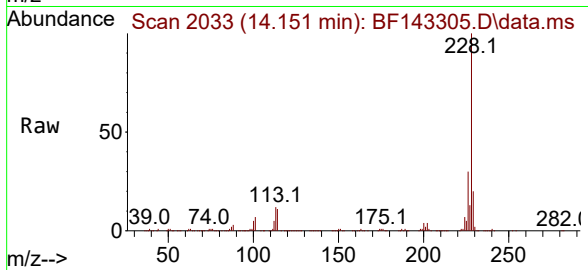
Tgt Ion:228 Resp: 538092

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.7 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 44.342 ng

RT: 14.098 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

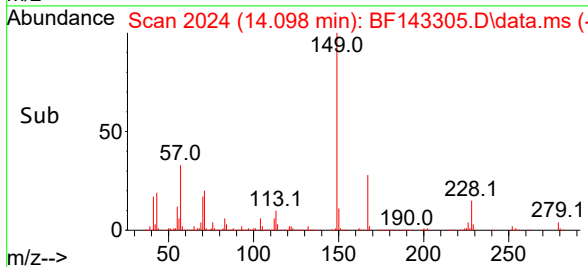
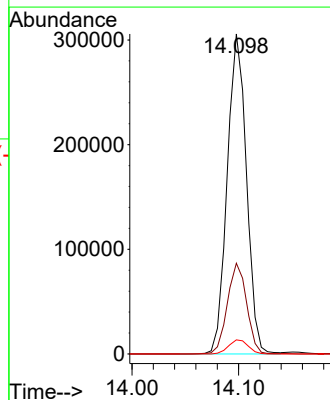
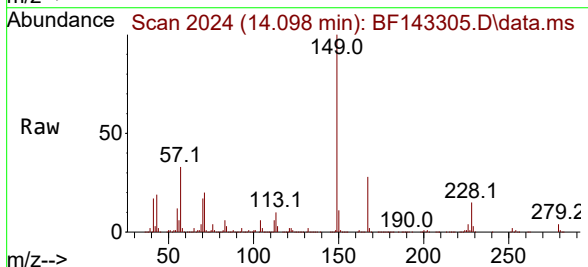
Tgt Ion:149 Resp: 383240

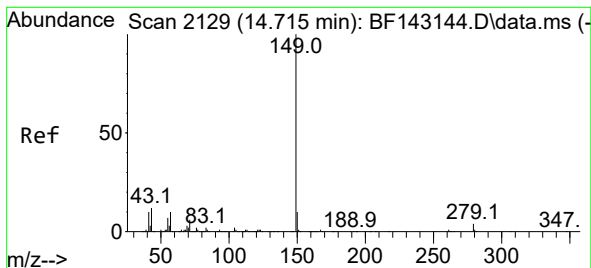
Ion Ratio Lower Upper

149 100

167 28.3 22.3 33.5

279 4.4 3.6 5.4

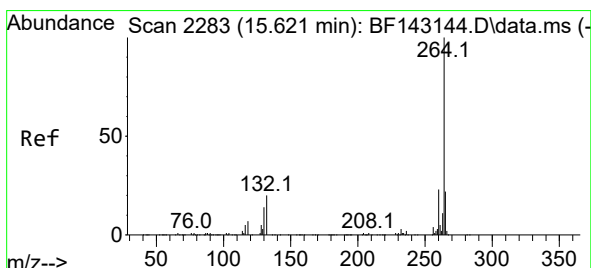
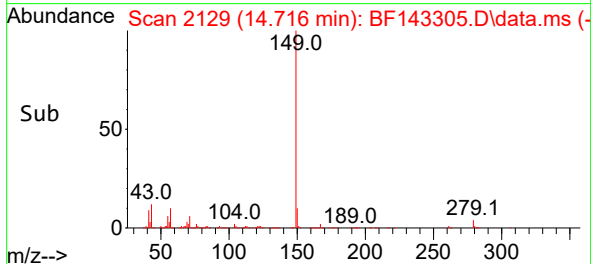
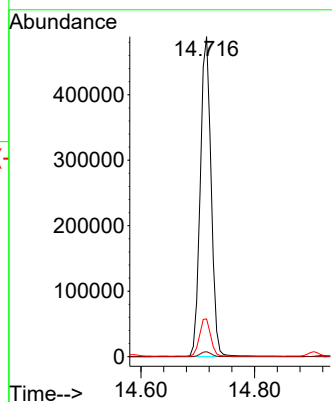
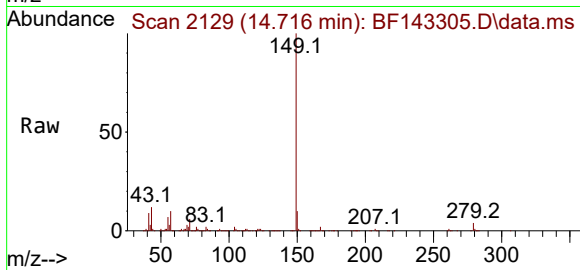




#85
Di-n-octyl phthalate
Concen: 41.231 ng
RT: 14.716 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

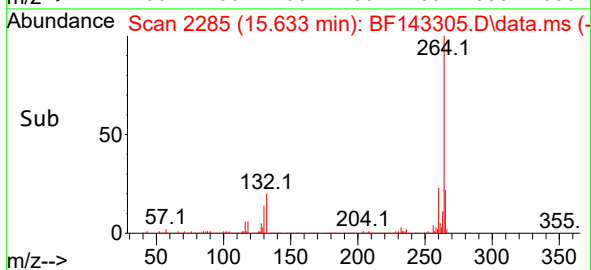
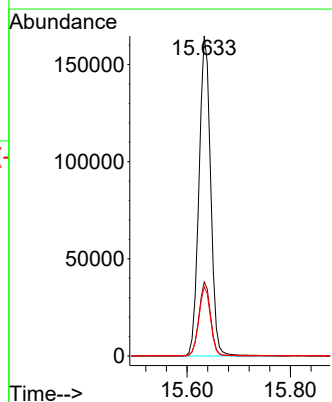
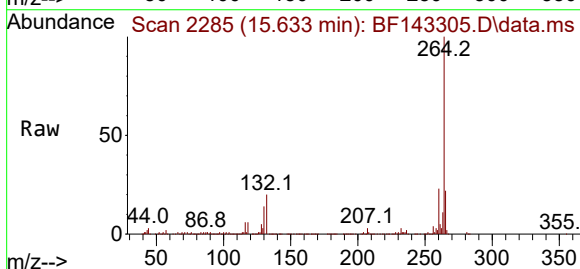
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

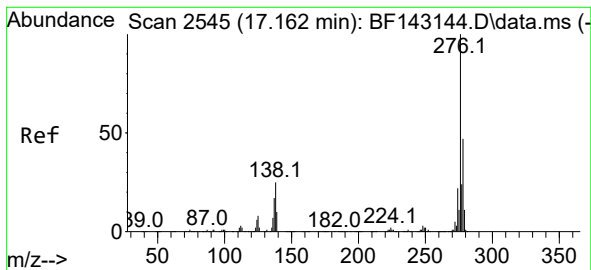
Tgt Ion:149 Resp: 645935
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 12.0 9.7 14.5



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 2285
Delta R.T. 0.012 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:264 Resp: 256941
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.7 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.745 ng

RT: 17.180 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

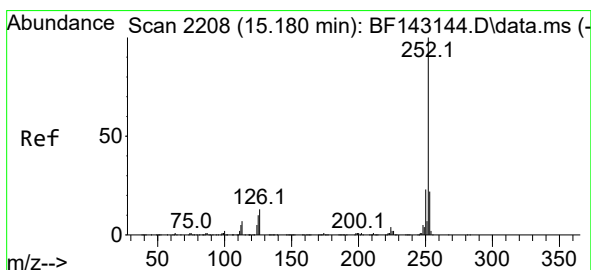
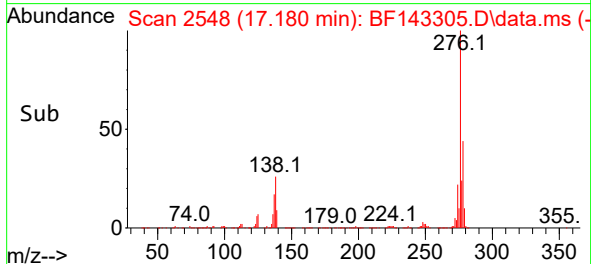
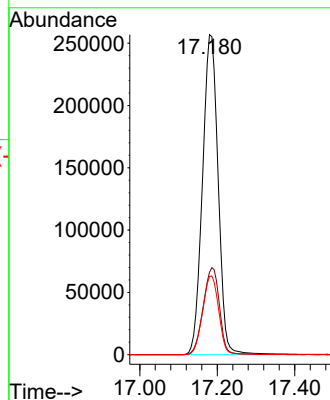
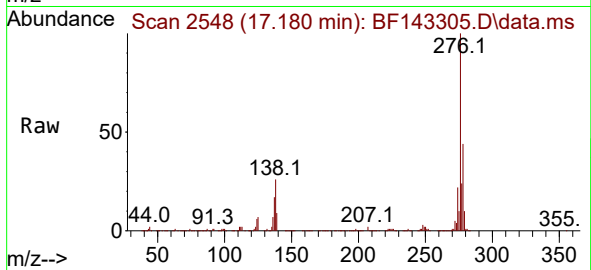
Tgt Ion:276 Resp: 720085

Ion Ratio Lower Upper

276 100

138 28.3 21.8 32.6

277 25.3 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 37.964 ng

RT: 15.186 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

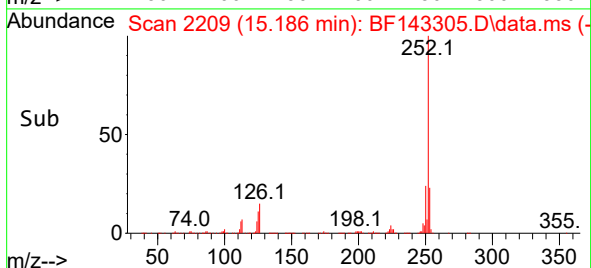
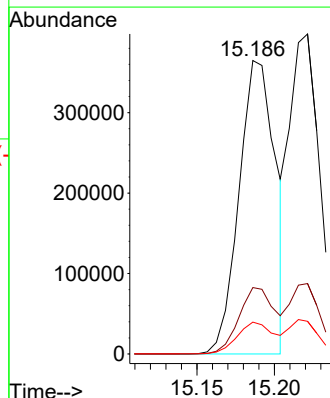
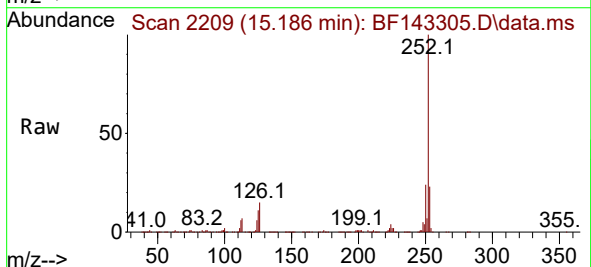
Tgt Ion:252 Resp: 595917

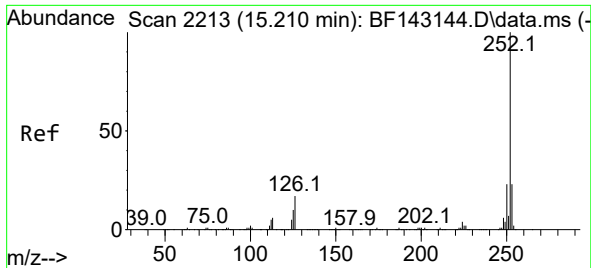
Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.8 8.0 12.0

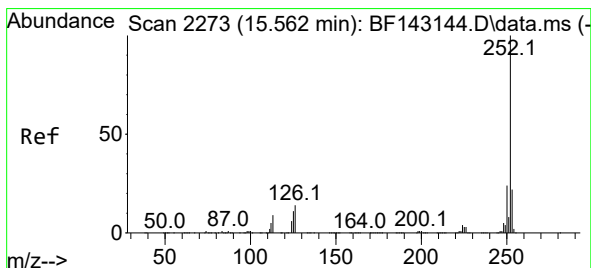
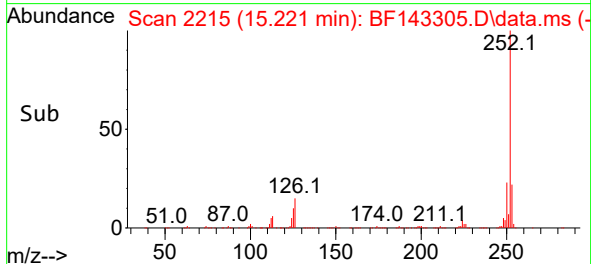
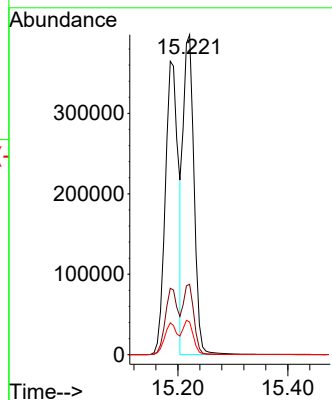
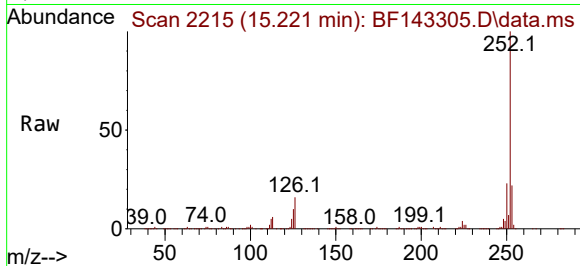




#89
Benzo(k)fluoranthene
Concen: 38.750 ng
RT: 15.221 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

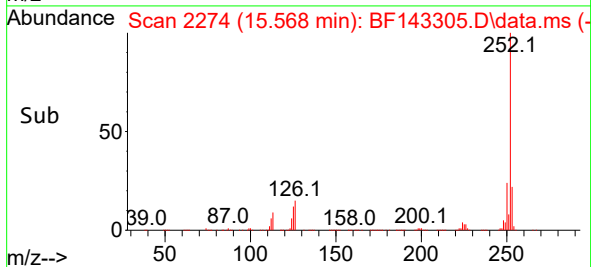
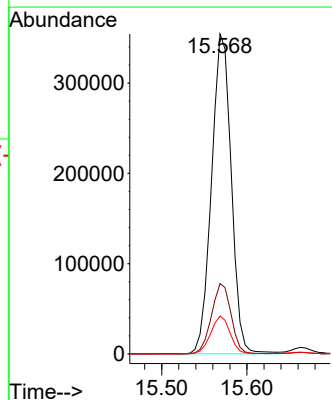
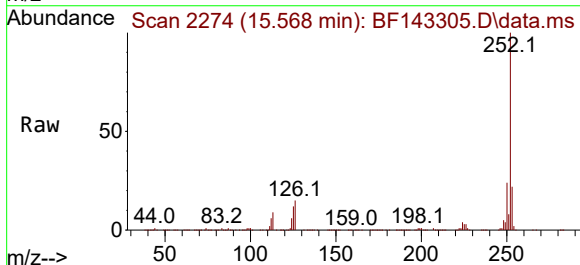
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

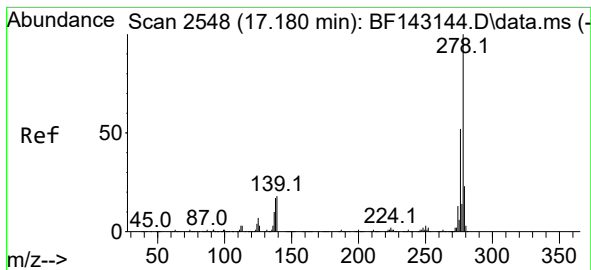
Tgt Ion:252 Resp: 542772
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 10.2 8.1 12.1



#90
Benzo(a)pyrene
Concen: 39.371 ng
RT: 15.568 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF143305.D
Acq: 05 Aug 2025 10:00

Tgt Ion:252 Resp: 569386
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 11.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 39.120 ng

RT: 17.198 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

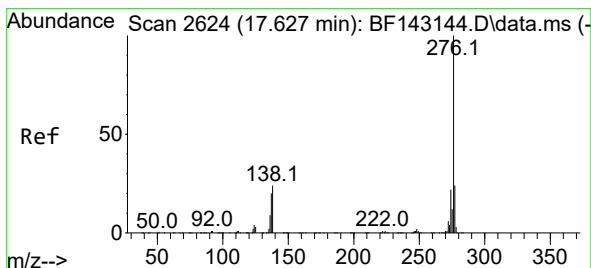
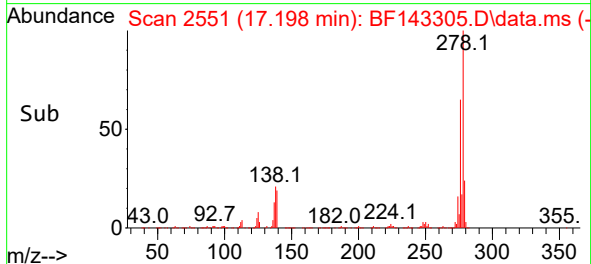
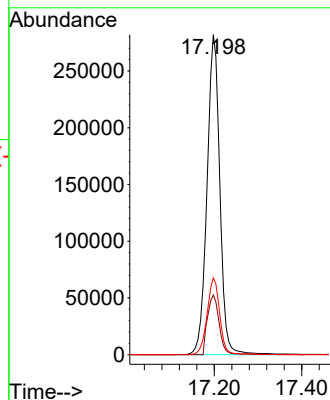
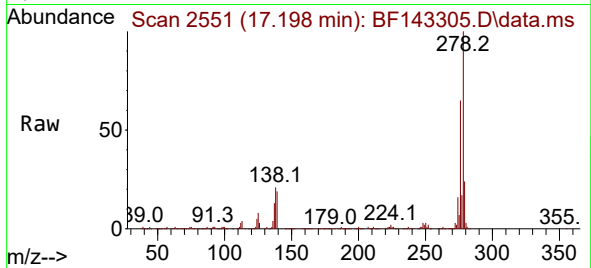
Tgt Ion:278 Resp: 576896

Ion Ratio Lower Upper

278 100

139 18.6 14.1 21.1

279 24.0 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 40.700 ng

RT: 17.651 min Scan# 2628

Delta R.T. 0.024 min

Lab File: BF143305.D

Acq: 05 Aug 2025 10:00

Tgt Ion:276 Resp: 580577

Ion Ratio Lower Upper

276 100

277 23.6 19.1 28.7

138 24.3 18.9 28.3

